SNOHOMISH HIGH SCHOOL

COURSE DESCRIPTION CATALOG

2024 – 2025

A community that inspires

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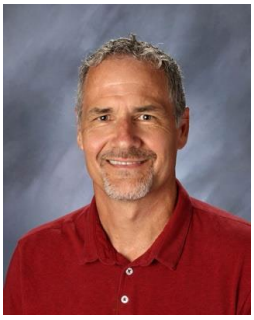
A Message from Nate DuChesne, Principal



Greetings Panthers,

Snohomish High School students should use this Course Catalog as a guide to plan their courses for 2024-2025. Our goal is to provide the best education possible for all our students and choosing the right course for the right reasons is the best way to ensure a quality education for your student. Students, with their parent(s) or guardian(s), should take the necessary time to seriously plan the type of education that both desires. The plan should be appropriate to future goals and it should be challenging.

In this Course Catalog, you will find information about high school graduation and college admission requirements. The final choice about courses of study belongs to the student and family in collaboration with education professionals. Teachers, counselors, and administrators are available to answer your questions with regard to appropriate courses of study. Please take advantage of the knowledge of these professionals in helping students to make informed decisions.

As students and parents work together with school staff in making course selections, here are some important things to keep in mind:

- This Course Catalog, which we will also post on our website, is a wealth of information about our courses, programs and post-high school programs.
- Students should consider their future educational and career goals and ensure their course requests reflect their future needs.
- Students should carefully choose alternates as most students will end up in at least one of their alternates.
- Course requests do not a guarantee a particular schedule or teacher.
- Preferential scheduling is given to students taking a class for the first time.
- AP and Honors courses are college level courses and are very rigorous. Some AP and Honors classes require a summer assignment or early morning lab work. Summer assignments will be posted on the school website in June.

Please note that once course and alternate selections are set, schedule changes are only considered if the student:

- Is a senior and needs a course for graduation
- Is misplaced in a sequential class (i.e.: in Spanish 3, but did not pass Spanish 2)
- Has a hole in his or her schedule

Our success as a high school depends upon the success of each student and we want to provide these resources and our expertise to help each student reach their potential and be college or career ready.

With Panther Pride,

Nate DuChesne, Principal

Creating an Inclusive Community which Promotes Academic and Personal Growth

Important Telephone Numbers

Snohomish School District

Snohomish School District Switchboard ..... (360) 563-7300
Talys Jurdana, Administrative Assistant, Athletics..... (360) 563-4210
Patty Owen, Administrative Assistant, CTE ..... (360) 563-7317
Sonya Lang, Student Placement/RSC..... (360) 563-7240
Transportation/Dispatch..... (360) 563-3525
Marty Grasa, Food Services ..... (360) 563-7298

Snohomish High School

Main Office .....Kelsey Chaplin, Receptionist ..... (360) 563-4001
Nate DuChesne, Principal .....Sherri Pickett, Administrative Assistant .....(360) 563-4019
Anne Tompkins, Assistant Principal – A-G .....Dawn Ellis, Administrative Assistant ..... (360) 563-4018
Carolyn Coombs, Assistant Principal – H-O..... .....Dawn Ellis, Administrative Assistant..... (360) 563-4018
Nicholas Allen, Assistant Principal – P-Z.....Dawn Ellis, Administrative Assistant .....(360) 563-4018
Zac Ward, Athletic Director ..... (360) 563-4080
Athletics .....Gina Hinton, Administrative Assistant ..... (360) 563-4078
Counselors .....Carolyn Welch, Administrative Assistant ..... (360) 563-4050
Sheri Adams – A-Da..... (360) 563-4051
Madison Vahdati– De-Hoi ..... (360) 563-4054
Joelle Ediger – Hoj-Mc..... (360) 563-4052
Tiffany Coleman – Me-Sa ..... (360) 563-4053
Adam Brauch – Sc-Z ..... (360) 563-4055
Registrar.....Jennifer Harris ..... (360) 563-4059
Records Assistant.....Sarah McGrath ..... (360) 563-4060
Attendance .....Kory Hanke, Administrative Assistant..... (360) 563-4005
Bookkeeping .....Kristy Snow..... (360) 563-4008
Bookkeeping Assistant.....Morgan Tenney ..... (360) 563-4007
College & Career Center..... Patty Stapleton.....(360) 563-4045

AIM Alternative High School

Doug Plucker, Administrator .....(360) 563-3401
Linda Hardy, Administrative Assistant/Registrar/Re-Entry ..... (360) 563-3401

General Information

Scheduling Considerations

1. To fulfill all graduation requirements within four years, students must enroll in six classes each semester.
2. One credit of TA or office aide may be earned in grades 9-12, and only one TA or office aide position may be held per semester.
3. Students who have failed a class need to meet with their counselor to discuss credit retrieval options or summer school at their own expense to stay on track for graduation.

Class Changes

Student requests for legitimate class changes will be considered within the first 3 days of each semester.

Class Drops

After the first ten days of the semester, students may request to drop a class to TA for no credit until the end of the tenth week. Students failing at the time of a drop will receive an "F" on their transcript. Students passing at the time of a drop will receive no credit and a "W" on their transcript. Students may not drop classes after the 10th week of each semester.

Special Education Services

Courses specifically designed for special needs students who are on Individual Education Plans do not appear in the course catalog. Enrollment in such classes will be done by the IEP case managers in conversation with students and parents.

Grading Policies

The numerical value of grades/credits are:

A = 4.0	B+ = 3.3	B- = 2.7	C = 2.0	D+ = 1.3	F = 0.0
A- = 3.7	B = 3.0	C+ = 2.3	C- = 1.7	D = 1.0	

Credits earned:
For grades A-D, P, S = 0.5 credits. For grades F, NC, or U = 0.0 credits.

High School Graduation Requirements Class of 2021 and Beyond

General

Students must meet all Snohomish School District requirements and all Washington state graduation requirements.

Attendance

Students graduating from Snohomish High School must attend eight semesters of high school or its equivalent and earn 24 credits. One-half credit is equal to one period of instruction for one semester of 90 days.

Credit Requirements

The subjects and required credits 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 Civics or AP 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	• One credit of Life science – strongly suggested • One credit of Physical science – strongly suggested • One credit based on the student's College/Career Pathway • Two of the above credits must be lab-based science
Physical Education	1.5	• Three semesters of Physical Education
Health Education	0.5	• One semester of Health
Career and Technical Education	1.0	• One credit Career and Technical Education (Additional for those on CTE Pathway, see page 8)
Fine Arts	2.0	• Two credits Fine Arts OR • One credit Fine Arts and one credit Personal Pathway**
World Language	2.0	• Two credits World Language*** OR • Two credits Personal Pathway**
Electives	4.0	• Any classes in addition to the above requirements
Total	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. For 2021 and beyond, 1.0 credit of Art and 2.0 World Language credits may be replaced with courses that are part of the student's High School & Beyond plan. World Language is specifically required for 4-year college directly out of high school.

*** Students who can fluently read, write, speak and listen in a language other than English can earn up to 4 high school credits depending upon the level of proficiency they demonstrate on a district approved assessment. See page 44 for additional information.

State Assessments

Students will take the following exams beginning in grade 10:

Subject	2021 and Beyond
English Language Arts	Choose 1: • Smarter Balanced ELA test (exit exam score) • WA-AIM (exit exam score)
Science	**Choose 1**: • WCAS • WA-AIM (exit exam score)
Math	**Choose 1:** • Smarter Balanced Math test (exit exam score) • WA-AIM (exit exam score)

WA-AIM: WA Access to Instruction & Measurement WCAS: WA Comprehensive Assessment of Science

Additional Non-Credit Requirements for graduation:

- Complete Washington State History per WAC 392-410-120.
  *If this requirement is not met in middle school, consult with your counselor.
  https://apps.leg.wa.gov/WAC/default.aspx?cite=392-410-120%20
- Complete a High School and Beyond Plan (HSBP)
- 8 hours Community Service in senior year
- Complete a graduation pathway

	Student's Goal: 1st Year After Graduation		Graduation Pathways
High School and Beyond Plan	**Career/Technical Field** (Additional postsecondary education/training, technical college, apprenticeship, or workforce entry.)	Graduation Pathway	Complete sequence of CTE courses which includes the potential to earn college credit or leads to anindustry recognized credential
	Military Enlistment		ASVAB Score
	General Postsecondary Education (Two-or four-year college)		Smarter Balanced HS Assessment or WA-AIM (ELA and/or math)
			ACT or SAT scores on ELA and/or math sections
			Earn HS credit in ELA and/or math in a dual credit course
			AP exams in ELA and/or math
			Combination of ELA and math option from any of the General Postsecondary Education Pathways

High School and Beyond Plan (HSBP) and Graduation Pathways

Building a High School and Beyond Plan that drives a student's graduation pathway will help to prepare students for their next step after high school graduation. Beginning in middle school, students will engage yearly in activities that will help them connect their preferences, interests, and skills to careers and ultimately to understand what they need to accomplish while in high school to reach their goals. Students will receive instruction on how to access the Career Planner program where they will house their HSBP and with which they will be expected to do planning work outside of the school day. It is expected that students may change their plan and pathway as they gain more life and educational experience. For each type of plan, the State of Washington has specified pathway requirements for students to show readiness for their next step, a piece of which is to show competence in both English Language Arts and Math.

Counselors invite both students and parents/guardians to make appointments for additional assistance in the planning process.

Career/Technical Field HSBP (CTE Sequence Pathway)

Students who wish to enter into the work force, technical colleges, or apprenticeships directly out of high school are likely to choose this pathway. A student may meet this graduation pathway option by completing a sequence of CTE courses which align with the student's High School and Beyond Plan. They may either:

- Complete a Core Plus program in Aerospace, Healthcare, Information Technology, Construction or Manufacturing.

OR

- Complete a 2-credit sequence of courses that meet the following minimum criteria:
  - Lead to a state or nationally recognized certificate credential or allow students to earn dual credit through CTE Dual Credit, Advanced Placement or other agreement or program. See page 20.
  - Be comprised of a sequenced progression of multiple courses that are technically intensive and rigorous.
  - Lead to work force entry, a state or nationally approved apprenticeship, or postsecondary education in a related field.

Satisfying this graduation pathway option meets requirements in both English Language Arts and Math.

Career and Technical Education (CTE)

Snohomish High School - 2024/2025 and Beyond

☆ = Dual credit or approved industry certificate

Recent changes in state graduation requirements allow students in the class of 2020 and beyond the option to meet state math and English/language arts testing requirements by completing two (2) credits in an approved OSPI program area that provide opportunities to earn college credit and/or an industry recognized certification.

Each CTE program box shows course options that can meet the requirements for the CTE graduation pathway. **Coursework must equal two credits within the CTE program box and one of the courses must have the dual credit or approved industry certification designation (☆) to be a Snohomish School District State approved pathway option.** The CTE pathway must be reflected in the student's High School Beyond Plan.

AGRICULTURE, FOOD AND NATURAL RESOURCES

0.5/1.0 Agriculture Worksite Learning

Plant Systems

☆ 1.0 Plant Biology

1.0 Advanced Plant Biology

0.5 Floral Design

Animal Systems

1.0 Animal Biology

☆ 1.0 Advanced Animal Biology

1.0 Agroecology and Sustainability

BUSINESS AND MARKETING

0.5/1.0 Business and Marketing Worksite Learning

Business Management & Administration

☆ 0.5 Introduction to Business Management

☆ 1.0 Advanced Business Management

☆ 1.0 Business Math

☆ 0.5 Personal Finance

0.5 Law and Business Ethics

Marketing Management

☆ 1.0 Introduction to Marketing

☆ 1.0 Advanced Marketing

☆ 1.0 Sports & Entertainment Marketing

☆ 1.0 Entrepreneurship DECA

Information Technology

1.0 Publications

0.5 Introduction to Computer Science Principles

☆ 1.0 AP Computer Science Principles

☆ 1.0 AP Computer Science A

☆ 1.0 Advanced Projects in JAVA

FAMILY AND CONSUMER SCIENCE

0.5/1.0 Family and Consumer Science Worksite Learning

Hospitality- Culinary Arts

☆ 0.5 Culinary Essentials 1

☆ 0.5 Culinary Essentials 2

0.5 Food for the Active Body

Human Services

0.5 Child Development

Design

☆ 0.5 Interior Design

HEALTH SCIENCE

0.5/1.0 Health Science Worksite Learning

Therapeutic Services

☆ 1.0 Sports Medicine 1

☆ 1.0 Sports Medicine 2

SKILLED AND TECHNICAL

0.5/1.0 Skilled and Technical Worksite Learning

Manufacturing Design - Apprenticeship Opportunities

☆ 0.5 Computer Aided Design Drafting Fundamentals

☆ 1.0 Advanced Computer Aided Design Drafting/CAM 1

☆ 1.0 Advanced Computer Aided Design Drafting/CAM 2

Manufacturing Production - Apprenticeship Opportunities

☆ 0.5 Shop 1: Shop Technologies

☆ 1.0 Shop 2: Core Plus Manufacturing

☆ 1.0 Shop 3: Core Plus Aerospace

☆ 0.5 Welding Science

Arts, AV Technology-Visual Communications

☆ 0.5 Introduction to Digital Arts

☆ 0.5 Photography 1

☆ 0.5 Advanced Photography

0.5 Computer Graphics

National Security- JROTC

☆ 1.0 Leadership Education 1 (1st Year Cadet)

☆ 1.0 Leadership Education 1 (2nd Year Cadet)

☆ 1.0 Leadership Education 1 (3rd Year Cadet)

☆ 1.0 Leadership Education 1 (4th Year Cadet)

1.0 Advanced Leadership Education/JROTC/Drill (Zero Period)

0.5/1.0 Skilled and Technical Worksite Learning

More Pathway Options on Back of Page

CTE™

Learning that works for Washington

State Approved Local Pathways
Snohomish High School

AGRIBUSINESS	
☆	1.0 Introduction to Marketing
☆	1.0 Plant Biology
ATHLETIC TRAINING	
☆	1.0 Introduction to Marketing
☆	1.0 Sports Medicine 1
CORE PLUS MANUFACTURING	
☆	0.5 Shop 1: Shop Tech
☆	1.0 Shop 2: Core Plus Manufacturing
INTERIOR DESIGN- CADD	
☆	0.5 Shop 1: Shop Tech
☆	0.5 Introduction to Digital Arts
☆	0.5 Computer Aided Design Fundamentals
☆	0.5 Interior Design
VISUAL COMMUNICATIONS and PUBLICATIONS	
☆	0.5 Introduction to Digital Arts
☆	0.5 Photography 1
	1.0 Publications
VISUAL ARTS and PUBLICATIONS	
☆	0.5 Photography 1
☆	0.5 Advanced Photography
	1.0 Publications

Sno Isle TECH Skills Center Programs

Sno-Isle TECH is a public school in Everett, Washington offering technical training for high school students within Snohomish and Island Counties. Please see your Career Center Specialist or counselor for more information and the application process.

- Advanced Manufacturing (formerly Precision Machinery)
- Aerospace Manufacturing & Maintenance Technology
- Animation
- Auto Body & Collision Repair
- Automotive Technology
- Computer, Servers & Networking
- Construction Trades
- Cosmetology
- Criminal Justice
- Culinary Arts (Baking and Pastry)
- Culinary Arts (Service and Production)
- Dental Assisting
- Diesel Power Technology
- Electronics Engineering Technology
- Fashion & Merchandising
- Fire Service Technology
- Medical Assisting
- Nursing Assistant
- Pharmacy Tech
- Veterinary Assisting
- Video Game Design
- Welding / Metal Fabrication

Military Enlistment HSBP (ASVAB Pathway)

Students who wish to enter the military directly out of high school are likely to choose this pathway. To meet this graduation pathway option, students must meet the minimum score (published annually) on the Armed Forces Qualification Test (AFQT) to be eligible to serve in a branch of the armed services at the time the student takes the test. The AFQT is a component of the ASVAB (not a separate test). Satisfying this graduation pathway option meets requirements in both English Language Arts and Math.

To meet the graduation pathway option, the student must take the ASVAB while in high school. (The military has age and other restrictions concerning the acceptance of the ASVAB, so students considering a military career should look into military entrance requirements.

General Postsecondary Education HSBP (Smarter Balanced Assessment or WA-AIM Pathway, ACT/SAT Pathway, Dual Credit Pathway, Advanced Placement Pathway)

Students who wish to attend a two-year or four-year college directly out of high school are likely to show their readiness by meeting any of the pathway options in this area. Students meet the English Language Arts and math in the following ways:

- Smarter Balanced Assessment or WA-AIM Pathway: Meet or exceed the graduation scores in English Language Arts (ELA) and mathematics or in WA-AIM (Washington Access to Instruction & Measurement).
    - SBA ELA: 2548 or higher
    - SBA Math: 2595 or higher
    - WA-AIM ELA: 104 or higher
    - WA-AIM Math 103 or higher

- ACT/SAT Pathway: Meet or exceed the graduation scores set by the State Board of Education in the math and ELA portions of the SAT or ACT.

	ACT (w/Writing)	ACT (w/o Writing)	SAT (with Essay)	SAT (w/o Essay)
Math	16	16	430	430
English Language Arts	14	N/A	410	N/A

- Dual Credit Pathway: Earn at least one high school credit in ELA and at least one high school credit in math qualifying dual credit courses (College in the High School, Career and Technical Education dual credit, or Running Start). Courses that qualify for this pathway are courses that meet core high school graduation credit in English and math and that allow students to earn college credit at the 100-level or higher. Students do not have to pay fees or claim the college credit to qualify. For CTE dual credit, some courses may require students to earn at least a B grade. See page 20 and course descriptions for qualifying dual credit courses.

- Advanced Placement (AP) Pathway: Earn a 3 or higher on certain AP exams OR pass the course with at least a C+. The following courses and exams fulfill this pathway:

English/Language Arts	Math
AP English Language	AP Calculus
AP English Literature	AP Statistics
AP US History	AP Computer Science
AP US Government	AP Computer Science Principles
AP World History	

- Combination: Meet any combination of at least one ELA and one math option listed in the previous four examples. For instance, a student may meet or exceed graduation scores for the SBA ELA and earn dual credit in a qualifying math course.

Sample 4-Year Plans

Four-year College or General Post Secondary

Freshman

P	First Semester	Second Semester
1	English	English
2	Math	Math
3	Science	Science
4	Health	PE
5	Art/CTE Art	Art/CTE Art
6	World Lang or Choice	World Lang or Choice

Sophomore

P	First Semester	Second Semester
1	English	English
2	Math	Math
3	Science	Science
4	World History	World History
5	World Language	World Language
6	PE	PE

Junior

P	First Semester	Second Semester
1	English	English
2	Math	Math
3	Science	Science
4	US History	US History
5	World Language	World Language
6	CTE/PPR	CTE/PPR

Senior

P	First Semester	Second Semester
1	English	English
2	Civics	Civics
3	Science/World Lang	Science/World Lang
4	Math	Math
5	Art/PPR	Art/PPR
6	HSBP Choice	HSBP Choice

*It is recommended and may be required that all students planning for 2 or 4 year college take math each year. Students planning on 4-year admissions need to take World Language where indicated.

Highly Competitive Four-year College

Freshman

P	First Semester	Second Semester
1	Honors Eng	Honors Eng
2	Math	Math
3	Science	Science
4	Health	PE
5	Art	Art
6	World Language	World Language

Sophomore

P	First Semester	Second Semester
1	Honors Eng	Honors Eng
2	Math	Math
3	Science	Science
4	AP World History	AP World History
5	World Language	World Language
6	PE	PE

Junior

P	First Semester	Second Semester
1	AP English Lang	AP English Lang
2	AP US History	AP US History
3	Science	Science
4	Math	Math
5	World Language	World Language
6	CTE	CTE

Senior

P	First Semester	Second Semester
1	AP English Lit	AP English Lit
2	AP Government	AP Government
3	Science	Science
4	Math	Math
5	World Language	World Language
6	Art/PPR	Art/PPR

*It is recommended and may be required that all students planning for 2 or 4 year college take math each year. Students planning on 4-year admissions need to take World Language where indicated.

Specialty Focus: Fine and Performing Arts

Freshman

P	First Semester	Second Semester
1	English	English
2	Math	Math
3	Science	Science
4	Health	PE
5	Special Focus Art	Special Focus Art
6	PE	CTE

Sophomore

P	First Semester	Second Semester
1	English	English
2	Math	Math
3	Science	Science
4	World History	World History
5	Special Focus Art	Special Focus Art
6	PE	CTE

Junior

P	First Semester	Second Semester
1	English	English
2	Math	Math
3	Science	Science
4	US History	US History
5	World Lang/PPR*	World Lang/PPR*
6	Special Focus Art	Special Focus Art

Senior

P	First Semester	Second Semester
1	English	English
2	Civics	Civics
3	World Lang/PPR*	World Lang/PPR*
4	Special Focus Art	Special Focus Art
5	HSBP Choice	HSBP Choice
6	HSBP Choice/Math*	HSPB Choice/Math*

*It is recommended and may be required that all students planning for 2 or 4 year college take math each year. Students planning on 4-year admissions need to take World Language where indicated.

Specialty Focus: CTE/Career Focus

Freshman

P	First Semester	Second Semester
1	English	English
2	Math	Math
3	Science	Science
4	Health	PE
5	Art/CTE Art	Art/CTE Art
6	Special Focus CTE	Special Focus CTE

Sophomore

P	First Semester	Second Semester
1	English	English
2	Math	Math
3	Science	Science
4	World History	World History
5	Special Focus CTE	Special Focus CTE
6	PE	PE

Junior

P	First Semester	Second Semester
1	English	English
2	Math	Math
3	Science	Science
4	US History	US History
5	World Lang/PPR*	World Lang/PPR*
6	Special Focus CTE	Special Focus CTE

Senior

P	First Semester	Second Semester
1	English	English
2	Civics	Civics
3	World Lang/PPR*	World Lang/PPR*
4	Special Focus CTE	Special Focus CTE
5	Art/PPR/Math*	Art/PPR/Math*
6	HSBP Choice	HSBP Choice

*It is recommended and may be required that all students planning for 2 or 4 year college take math each year. Students planning on 4-year admissions need to take World Language where indicated.

Career Focus- Sno-Isle

Freshman

P	First Semester	Second Semester
1	English	English
2	Math	Math
3	Science	Science
4	Health	PE
5	Art/CTE Art	Art/CTE Art
6	World Lang/PPR*	World Lang/PPR*

Sophomore

P	First Semester	Second Semester
1	English	English
2	Math	Math
3	Science	Science
4	World History	World History
5	PE	PE
6	World Lang/Art*	World Lang/Art*

Junior

P	First Semester	Second Semester
1	English	English
2	Math	Math
3	US History	US History
4	Sno-Isle Tech	Sno-Isle Tech
5	Sno-Isle Tech	Sno-Isle Tech
6	Sno-Isle Tech	Sno-Isle Tech

Senior

P	First Semester	Second Semester
1	English	English
2	Civics	Civics
3	Science	Science
4	Sno-Isle Tech	Sno-Isle Tech
5	Sno-Isle Tech	Sno-Isle Tech
6	Sno-Isle Tech	Sno-Isle Tech

*It is recommended and may be required that all students planning for 2 or 4 year college take math each year. Students planning on 4-year admissions need to take World Language where indicated. It is possible to plan Sno-Isle for 2 years and plan for 4-year minimum college admissions. Review with your counselor.

Admission Requirements
For 4-year colleges and universities

When applying to an in-state public or private four-year college or university, students are required to submit an application, a high school transcript, and the appropriate application fee. An SAT or ACT score report may be required. Factors influencing admission include grade point averages, test scores and extra-curricular activities. Admission standards, which vary for each institution, can be obtained through college or university websites.

Out-of-state universities may have different requirements than those within Washington State. Check with the college or university websites for their specific requirements.

The CEEB (College Entrance Examination Board) code for Snohomish High School is 481210.

Freshmen Admission Policy
This overview of freshmen admission requirements applies to all applicants to the public four-year colleges who enter directly from high school and/or students who enter college with fewer than 40 credits of college-level coursework or equivalent.

Running Start and other dual-credit earning students, including those who have earned more than 40 quarter hours of college-level credit, who enter a public baccalaureate institution directly from high school must meet **minimum college admission standards and apply as a freshman:**

- **CADR** – (College Academic Distribution Requirements)
- **2.0 Minimum GPA**
- **Official SAT/ACT** test scores sent directly to the college or university, if required. Most colleges are test optional (Fee waivers for these tests are available – consult with your high school counselor.)

Notes on CADR and Admission Standards
CADR reflect the minimum number of credits required in six subject areas that students must earn to be eligible for routine admission consideration by four-year public baccalaureate institutions. Meeting the minimum college admission standards does not guarantee admission to a public baccalaureate institution. Therefore, students are encouraged to go beyond meeting minimum college admission standards to improve their chances for gaining entry to a public baccalaureate institution. Students should obtain admission information from the institution they wish to attend.

Comprehensive Review of Applications for Admission
Currently, each of the public baccalaureate institutions employs a comprehensive or holistic review process for at least a portion of their applicants. Holistic review is an additional means of ensuring student access. In cases where students do not meet the minimum college admission standards, the policy provides for alternative admission policies which may be more appropriate for certain students. Each student is encouraged to contact the admissions office of the institution they wish to attend if they have questions.

College Academic Distribution (CADR) Coursework
Students are encouraged to take a minimum of three credits of CADR courses each year of high school, including senior year. Students who take college-level coursework and complete 5 quarter credits or 3 semester credits will have earned the equivalent of one CADR credit. In addition, pre-college courses in English and math may be equivalent to CADR courses, provided they are designed to meet the same learning outcomes as the high school courses for which they substitute. Students may meet high school requirements with courses taken in middle school provided the courses are part of a sequence which is successfully continued in high school, or the courses are included on the high school transcript as high school-level courses. Previous minimum college admissions standards used the term ‘year’ to designate completion of what is now referred to as ‘one credit’ of high school coursework. The use of ‘credit’ recognizes that school districts may use alternative or block scheduling that permits students to earn a full credit in a given subject area in less than an academic year.

The following information is provided by the Washington Student Achievement Council http://www.wsac.wa.gov/college-admissions :

ENGLISH – 4 credits including 3 credits of college preparatory composition or literature. One credit may be satisfied by courses in drama as literature, public speaking, debate, journalistic writing, business English, or English as a Second Language.

MATHEMATICS – 3 credits. Algebra I, Geometry, Algebra II (intermediate Algebra). **Note**: Successful completion of math through pre-calculus meets the requirement for 3 credits of math and the senior-year math requirement (below).

SENIOR YEAR MATH–BASED QUANTITATIVE COURSE – During the senior year of high school, students must earn a 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 (e.g., pre-calculus or calculus).

SCIENCE – 3 credits of science are required, two of which must be earned in lab courses. 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). Principles of technology courses taught in Washington high schools may satisfy the laboratory science requirement.

WORLD LANGUAGES – 2 credits must be earned in the same World Language, Native American language or American Sign Language. College graduation requirements often include a third year of the same world language. Schools may award credit based on a district approved competency assessment consistent with the State Board of Education policy and American Council on the Teaching of Foreign Languages (ACTFL) Proficiency Guidelines. Note: A World Language course taken in middle school may satisfy one credit of the requirement if the second-year level course is completed in high school grades 9-12.

SOCIAL STUDIES – 3 credits of history or other social STUDIES (e.g. anthropology, contemporary world problems, economics, geography, government, political science, psychology).

ARTS – 1 credit of fine, visual, or performing arts or 1 additional credit in other CADR academic subject areas as defined above. Acceptable coursework in the fine, visual or performing arts includes art appreciation, band, ceramics, choir, dance, dramatics 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 one-half credit in fine, visual or performing arts. The other half may be in the arts or in an academic elective.

Students should consult with their local high school to obtain complete information about minimum college admission standards and to be aware of which courses at their high school meet CADR guidelines, as determined by the local school district.

College Testing

For high school graduates planning on attending a 4-year college or university directly out of high school, one ACT or SAT score report may be required. All Washington State colleges, and many out of state colleges, are now test optional. See individual college or university admissions requirements. Test registration is online, by mail or phone. Registration information is available in the College & Career Center.

If testing is required by prospective colleges, 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 the 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 https://www.act.org/. To learn more about the PSAT and SAT, please visit https://www.collegeboard.org/

Prospective College Athletes
Potential scholarship or walk-on athletes at the NCAA Division 1 or 2 levels must meet or exceed college entrance requirements and submit SAT or ACT scores. They must complete a rigorous course of study and need to complete 16 CADR courses and meet NCAA GPA and test score requirements to be eligible. For more information about requirements and which courses are SHS approved NCAA CADR courses, visit the NCAA Eligibility Center website at https://web3.ncaa.org/ecwr3/. In addition, please meet with your high school counselor; it is important for educational planning purposes that the high school counselor is informed as early as possible.

Preparation for community college or technical schools

Students considering a community college or technical school should take challenging courses throughout high school in order to be adequately prepared. Students will be required to take a placement test as part of the application process. 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 unless they take advantage of academic preparation in high school.

Financial Aid

Information regarding financial aid for college can be obtained from the financial aid office of the college or training institution of your choice as well as the high school College & Career Center and counseling website. Parents and students are encouraged to visit https://studentaid.gov/h/apply-for-aid/fafsa for detailed information.

To be considered for the federal student aid programs (such as Federal Pell Grants and Federal Family Education Loans) a student must fill out the *Free Application for Federal Student Aid (FAFSA)*. This application collects financial and other information used to calculate the Expected Family Contribution (EFC) that ultimately determines the student's eligibility for aid. The FAFSA is available in early October. Students need to apply to be awarded funding in time for the beginning of their freshman year of college. Students are encouraged to complete the FAFSA online at https://studentaid.gov/h/apply-for-aid/fafsa

Students that are ineligible for federal student aid due to immigration status may be eligible for some state financial aid programs by completing the WASFA. Data collected on the WASFA is accessed by Washington Student Achievement Council and eligible Washington colleges for the sole purpose of determining eligibility for resident tuition and financial aid. For more information and to apply, please visit: https://wsac.wa.gov/wasfa

Scholarships

SPECIFIC SCHOLARSHIPS are offered by colleges, universities, businesses, companies, organizations, etc. The College & Career Center publishes a monthly Scholarship Bulletin. It is posted in the College & Career Center and on the College & Career Center page of the SHS website.

LOCAL SCHOLARSHIP PROGRAM FOR SENIORS available through washboard.wsac.wa.gov/login.aspx beginning in February.

PERSONAL SCHOLARSHIPS may be available to students through parents' employment and/or social organizations.

STUDENTS SHOULD CONTACT specific colleges, departments within colleges and/or technical training programs regarding scholarships or financial aid.

Dual credit opportunities in High School

There are four programs offered through Snohomish School District whereby students can earn college credit and/or placement while still in high school. Each of these programs have unique characteristics and a student may participate in any or all of these programs when available. The chart below is a quick reference to compare these programs. Please read the full descriptions that follow for further information.

PROGRAM	GRADE LEVEL	LOCATION	COLLEGE TRANSFER	COST*	RIGOR LEVEL	MEETS GRAD PATH
Advanced Placement (AP)	Based on pre-requisite (usually 10-12)	SHS	Depends on AP test score and policy.	100+ for test	Advanced	With C or better grade for applicable courses (see catalog)
College in the High School (CHS)	Based on pre-requisite 9-12	SHS	Yes, public in-state. Other varies by policy.	FREE	Advanced	Participating Math and English courses
CTE Dual Credit	9-12	SHS	Yes, community college or tech school. Other varies by policy.	50 per year, no credit limit	Standard	Yes if part of a 2-credit CTE pathway OR qualifying Math course
Running Start	11-12	Community College	Yes, public in-state. Other varies by policy.	transportation, books, college fees	Advanced	100-level or higher Math and English courses

*fee waivers or reduced cost available for students with free/reduced lunch

Honors/Advanced Placement Courses

AP courses are college-level courses and a way for students to prepare themselves for post high school success. AP courses are engaging and vigorous, 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 pass the AP tests given in May.

Snohomish High School offers a variety of AP courses, so 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 and make the choices that would most contribute to a successful high school and college career. We offer these challenging and rigorous courses as a demonstration of our commitment to excellence and intend that they will be a positive experience for all involved.

The AP examinations are offered annually to give high school students opportunities to demonstrate college-level achievement. 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.
- College tuition savings — credit may be given for qualifying AP scores of three or higher.
- Eligibility for college honors and other special programs open to students who have received AP recognition.

AP classes that may be offered at Snohomish High School are:

AP US Government and Politics	AP Chemistry	AP Environmental Science
AP Studio Art	AP Computer Science A	AP Physics 1
AP Biology	AP Computer Science Principles	AP Statistics
AP Calculus AB	AP English Language and Composition	AP US History
	AP English Literature and Composition	AP World History

All AP Exams are given in May, according to the schedule set by the College Board. Registration and accommodation applications are in October. 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. (If you are approved to take an alternate exam during the late-testing period, you may be required to pay an additional $45 per exam late-testing fee.)

College in the High School

Students may earn college credit through Everett Community College at the same time as they are earning high school credit by taking one of the specific Snohomish High School courses listed below. The college classes are free to students. (**These classes are subject to community college approval and availability on a yearly basis. It is possible that courses listed below ultimately may not offer credit for the year).** Some information to consider:

- For some courses, students may be required to take a college placement test (speak to your teacher for information).
- Students should check with the college or university they are hoping to transfer to and verify transferability of the intended course. Most Washington colleges have transfer credit equivalencies listed on their "Transfer Credit" webpages. Courses may count as elective or academic credit depending on the receiving college's transfer credit policies.
- Students who participate by earning college credits are creating a college transcript and the college G.P.A. as a result.
- Registration for these courses is online either in the Fall or Spring of the year you take the course. Retroactive registration (asking for the college credit after the course is completed) is prohibited. **Your high school instructor will let you know when registration occurs for the course**.

SHS COURSE	SHS Course Code	EVERETT COMMUNITY COLLEGE COURSE EQUIVALENCY (Subject to change by EvCC)	EVCC Course Code	COLLEGE CREDITS
Advanced Journalism	ENG409	Student News Media	JOURN170	3
AP US Government and Politics	SOC609/SOC610	American Government	POLS&202	5
AP Biology	SCI601/SCI602	Survey of Biology	BIOL&100	5
AP Calculus AB	MAT605/MAT606	Calculus I and II	MATH&151 and MATH&152	10
AP Chemistry	SCI605/SCI606	Intro to Chemistry	CHEM&121	5
AP Environmental Science	SCI609/SCI610	Intro to Enviro Science w/lab	ENVS&101	5
AP Language & Composition	ENG601/ENG602	English Composition I	ENGL&101	5
AP Literature & Composition	ENG605/ENG606	Intro to Literature	ENGL&111	5
AP Physics 1	SCI613/SCI614	General Physics I, I, and III	PHYS&114, PHYS&115 and PHYS&116	15
AP Statistics	MAT601/MAT602	Intro to Statistics	MATH&146	5

AP US History	SOC605/SOC606	US History I, II, and III	HIST&146, HIST&147 and HIST&148	15
AP World History	SOC601/SOC602	World Civilizations	HIST103D	5
Astronomy	SCI404	Intro to Astronomy	ASTR&101	5
Chemistry	SCI351/SCI352	Intro to Chemistry	CHEM&121	5
Chinese 2	WLC201/WLC202	Chinese II	CHIN&122	5
Chinese 3	WLC301/WLC302	Chinese III	CHIN&123	5
German 2	WLG201/WLG202	German II	GERM&122	5
German 3	WLG301/WLG302	German III	GERM&123	5
German 4	WLG401/WLG402	German IV	GERM&221	5
Introduction to Business Management	CTB102	Intro to Business Management	BUS&101	5
Intro to Journalism	ENG309	Student News Media	JOURN170	3
Law & Business Ethics	CTB107	Business Law	BUS&201	5
Math in Society	MAT351/MAT352	Math in Society	MATH&107	5
Physics of the Universe	SCI401/SCI402	Concepts and connections	PHYS&102	5
Pre-Calculus	MAT401/MAT402	Pre-Calculus I & II: Algebra & Trig	MATH&141 and MATH&142	10* Must complete both semesters
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
SHS COURSE	**SHS Course Code**	**EDMONDS COMMUNITY COLLEGE COURSE EQUIVALENCY (Subject to change by EdCC)**	**EdCC Course Code**	**COLLEGE CREDITS**
Anatomy	SCI315/SCI316	Human Biology with Lab	BIOL& 175	5

CTE Dual Credit

College credits can be earned through some Sno-Isle Skills Center programs. In addition, the following classes offered at Snohomish High School may be available for credit through the Pacific NW College Credit program or Everett Community College if completed with a B or better. **Please note** there will be tuition fees associated with receipt of potential college credits. Students must register and pay any required fees before June 15th of the current school year. CTE Dual Credit cannot be awarded retro-actively; credit must be applied for within the college deadline and the school year the high school course is completed. See your CTE Dual Credit teacher for more information.

All CTE Dual Credit courses are subject to Community College approval and availability on a yearly basis. More information can be obtained from the following websites: SERS CTE website https://www.ctesers.org, Pacific NW College Credit Program https://www.pnwcollegecredit.org, or Everett Community College https://www.everettcc.edu/programs/bat/tech-prep

SHS COURSE	SHS Course Code	EVERETT COMMUNITY COLLEGE COURSE EQUIVALENCY (Subject to change by EvCC)	EVCC Course Code	COLLEGE CREDITS
Personal Finance	CTB201	Personal Finance	ACCT113	3
Business Math	CTB307/CTB308	Business Computations	BUS130	5
Advanced Business Management FBLA	CTB407/CTB408	Small Business Essentials	BUS105	5
Computer-Aided Drafting & Design Fundamentals	CTT101	Introduction to Engineering Graphics and 2D AutoCAD	ENG T 100	4
Advanced CADD/CAM I	CTT201/CTT202	Engineering Graphics 3D CADD	ENG T 108	4
Advanced CADD/CAM II	CTT301/CTT302	Engineering Graphics 3D CAD-CAM	ENG T 259	4
Shop 2: Core Plus Manufacturing	CTT213/CTT214	Introduction to Machining Manufacturing Employment Readiness	MFGT101 MFGT102	5 12
Shop 3: Core Plus Aerospace	CTT315/CTT316	PENDING →		
SHS COURSE	**SHS Course Code**	**EDMONDS COLLEGE* *Offered through Pacific Northwest Colleges Credit Consortium**	**EdCC Course Code**	**COLLEGE CREDITS**
Culinary Essentials II	CTF301	Culinary Pantry Preparation 1	CLART 131	2
Plant Biology	SCI221/SCI222	Horticulture Plant Science and Nursery & Greenhouse	HORT102 and HORT229	4 and 3
Introduction to Digital Arts	CTA101	Illustration	VISCO 145	4
SHS COURSE	**SHS Course Code**	**Bellevue College* *Offered through Pacific Northwest Colleges Credit Consortium**	**BC Course Code**	**COLLEGE CREDITS**
Introduction to Marketing/DECA	CTB103/CTB104	Introduction to Marketing	MKTG 101	5
Advanced Marketing/DECA	CTB303/CTB304	Principles of Retailing	MKTG 135	5
Sports and Entertainment/DECA	CTB201/CTB202	Intro to Sports Marketing	MKTG 103	2
Entrepreneurship/DECA	CTB403/CTB404	Principles of Selling DECA Practicum	MKTG 131 and MKTG290	5 and 5
Interior Design	CTF205	Introduction to Interior Design	INDES 140	5
Digital Video	CAT207	Video Fundamentals	DMA 246	5
Computer Graphics	CTA201	2D Digital Design	DMA 103	5
Child Development	CTF203	Child Development	EDUC 115	5
Photography 1 or Advanced Photography* (Complete one of these courses; credit one time)	CTA202/CTA302	Digital Design and Storytelling	DMA 102	5
Sports Medicine I or Sports Medicine II *(Complete one of these courses; credit one time)	CTS201/CTS202 CTS301-CTS302	Intro to Healthcare	AHE100	5
COLLEGE IN THE HIGH SCHOOL (CTE) Snohomish SD Course	SHS Course Code	Everett Community College (EVCC)	EVCC Course Code	COLLEGE CREDITS
Introduction to Business Management	CTB201	Introduction to Business Management	BUS&101	5
Law & Business Ethics	CTB107	Business Law	BUS&201	5

Running Start

Running Start is a partnership between the local community colleges and high schools that provides juniors and seniors the opportunity to take college-level courses tuition free on the college campus. Students may then apply those credits toward both high school graduation and future college degrees as designated by each individual college. Books, fees and transportation must be paid for by the family.

Each community college determines admission standards for their Running Start program. To succeed in Running Start, a student should have strong English and math skills, be motivated to succeed, have good study habits and adequate time for homework, be an independent learner and able to take personal responsibility for his/her education.

Running Start students seeking a Snohomish School District diploma are required to complete high school graduation requirements by taking equivalent courses at the community college. An equivalency chart is available in the counseling office or on the SHS website under Counseling/Running Start. Running Start students who enter a public baccalaureate institution directly from high school must meet minimum college admission standards and apply as freshmen.

Interested students must contact their high school counselor for further information. **Priority deadline for fall admission varies by college and is generally early May.**

Course Description Sample & Key

The following is a sample course description.

Advanced CADD/CAM II **CTT301/302**

CTE Dual
4

Grades 11-12. Year long. 1.0 Career and Technical Education credit and Art and 3rd year Math. Prerequisite: CADD/CAM 1.
This course is for the advanced student who has completed CADD/CAMM One. 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.

1. The first item in every description is the course name followed by the course number.
2. Under the course title is italicized information including:
    - The grade level(s) at which the course may be taken
    - The length of the course and the number of credits it is worth
    - Graduation requirement(s) fulfilled
    - The prerequisite requirements [course(s) or conditions which must be completed or met before enrolling in this course]
    - Course fees
3. Below the italicized information is the actual course description. Information provided will describe the content, operation and/or objectives of the course. Students may check with their counselor, other students and the teachers about specific details of operation and teacher expectations.

For courses that are designated Advanced Placement, College in the High School Dual Credit, and CTE Dual credit, a key is noted next to the course description. The program is noted, then the number of college credits available if applicable. In addition, it is noted whether or not the course meets English Language Arts (SBA ELA) or math (SBA Math) graduation pathway requirements.

Program
Credits
ELA/Math met

Examples:

AP
ELA

This course is an AP course. Students meet the ELA requirement if they earn a C+ or pass the AP exam with a 3 or higher. Students meet the ELA requirement if they earn a C+ or pass the AP exam with a 3 or higher.

CHS Dual
5
ELA

This course is a College in the High School course that is eligible for 5 college credits. Students meet the ELA requirement by passing the course.

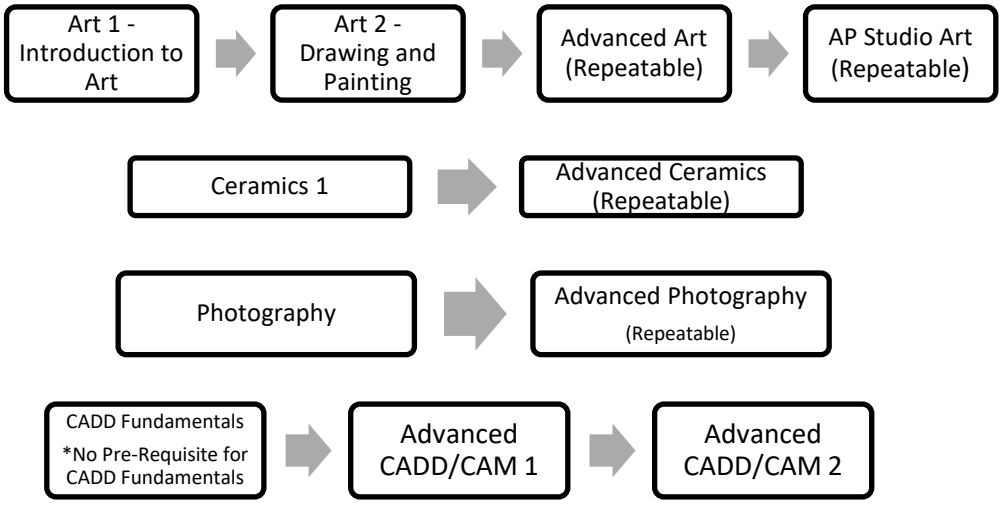
CTE Dual
5

This course is a CTE dual credit course that is eligible for 5 college credits. Students may meet the CTE HSBP graduation pathway requirement if this course is part of an established two-credit CTE course sequence.

ARTS

The Snohomish High School Arts program inspire students' creative expressions using sound, image, action and movement. Our Arts program are a means to satisfy the human need to communicate thoughts, feelings and beliefs. The Arts program engage those capacities most characteristically human — imagination, creativity, the ability to conceptualize and solve complex problems — by stimulating thinking skills which are essential to learning.

VISUAL ARTS



(The above courses can be taken so long as the student has passed the course directly to the left)

Art 1 - Introduction to Art **FAV101**

Grades 9-12. Semester long. 0.5 Visual/Performing Arts credit.

This survey class introduces a variety of perspectives in art which includes drawing, painting, and other media. This will enable students to express themselves in a visually dynamic manner and function in our image-oriented world.

Art 2 - Drawing and Painting **FAV201**

Grades 9-12. Semester long. 0.5 Visual/Performing Arts credit. Prerequisite: Art 1. $20.00 lab fee.

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.

Advanced Art **FAV301/FAV302**

Grades 10-12. Year long. 1.0 Visual/Performing Arts credit. Prerequisite: Art 1 and Art 2. $40.00 lab fee.

This one-year class is designed for serious art students who want to further their art skills. Assignments focus on techniques, a variety of mediums and substrates, and composition. Art criticism, multicultural art, art history, aesthetic judgement, problem solving, experimentation and revision. This course is recommended for highly motivated students especially those who want to prepare for AP Art. This course can be repeated for credit.

AP Studio Art **FAV601/FAV602**

AP

Grades 11-12. Year long. 1.0 Visual/Performing Arts credit. Prerequisite: Art 1, Art 2, Art 3 and teacher permission. $60.00 lab fee.

This one-year class is for highly motivated, skilled Art students and emphasizes the development of art portfolios for college/arts 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, aesthetics, experimentation, revision, evaluation of art, and criticism are an integral part of this class. This class will prepare student to take the AP studio art exam and the 3-D AP studio art 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 and students must meet with instructor in the spring prior to taking this class for a required summer assignment. This course may be repeated for credit.

Ceramics 1 **FAV205**

Grades 9-12. Semester long. 0.5 Visual/Performing Arts credit.

During the first semester of Ceramics, students are introduced to many ways of working with clay. Mostly hand building some and potter's wheel work are significant parts of the class. Students will concentrate on forming techniques as well as sculpting with clay. Students will learn glazing techniques.

Advanced Ceramics **FAV305**

Grades 9-12. Semester long. 0.5 Visual/Performing Arts credit. Prerequisite: C or better in Ceramics 1. $35.00 lab fee.

Students will concentrate on refining skills in hand building and wheel throwing. Projects are larger and more involved, paying attention to the scale and the visual language of art. As students advance, they will develop their individual style by focusing on complexity of technique, attention to detail and sophistication of content. Students must be able to work independently. This course may be repeated for credit.

Crafts **FAV102**

Grades 9-12. Semester long. 0.5 Visual/Performing Arts credit. $20.00 lab fee.

This class is different from Art 1 and Art 2 in that there are more 3-dimentional 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.

The following CTE courses qualify for Art equivalencies. See appropriate page for full description:

- Introduction to Digital Arts – CTA101— p. 53
- Photography 1—CTA202—p. 53
- Advanced Photography – CTA302 – p. 53
- Computer Graphics – CTA201—p. 53
- Digital Video – CTA207 – p. 53
- Publications—CTA203/CTA204—p. 48
- Computer Aided Drafting & Design Fundamentals—CTT101—p. 51
- Advanced CADD/CAM I—CTT201/202—p. 51
- Advanced CADD/CAMII—CTT301/302—p. 52
- Floral Design—CTA104—p. 48
- Interior Design—CTF205—p. 56
- Advanced Leadership Education/JROTC/Drill—LDR305/LDR306—p. 55

PERFORMING ARTS

Acting **FAP101**

Grades 9-12. Semester long. 0.5 Visual/Performing Arts credit.

This is a one-semester course for all students who want to increase their self-confidence, creativity, thinking and problem-solving skills. Students will work on basic acting skills by starting with low risk activities and building to performances in scenes or short plays for their class. Units include pantomime, improvisation, concentration, movement, stage directions, vocal projection and diction, and play analysis. Props, costumes, stage make up and set construction are not emphasized. Some memorization and script preparation is required the second quarter of the semester. This class may be repeated for credit.

Acting Production/Performance **FAP201**

Grades 9-12. Semester long. 0.5 Visual/Performing Arts credit. Prerequisite: Acting or previous acting experience.

Acting Production/Performance offers an in-depth study in characterization, comic and dramatic roles, scene work, performance, audition preparation and monologue or scene work. Depending on enrollment, students may also study set construction, costumes, and stage makeup. An interest in art or construction is helpful, making this an excellent choice for those interested in applying skills like painting or carpentry. The first semester class will be directly involved with the fall play and, time permitting, set production for the spring play. The second semester class will include participation in "Night of the Arts" and/or the spring play. Some after-school involvement is required during the play run, although required after-school time may vary according to a student's availability. Please see instructor for more details. This class may be repeated for credit.

Intermediate Jazz Band **FAB405/FAB406**

Grades 9-12. Year long. 1.0 Visual/Performing Arts credit. Prerequisite: Successful audition and teacher recommendation. Must be enrolled in one of the three concert bands (guitar, bass and piano may be excluded from this).

This intermediate Zero-hour class will expose students to many different styles of big band music and will encourage band members to develop improvisational skills. This class will also focus on teaching the skills necessary to move onto the advanced jazz band. The bands will give public performances in the community as well as festivals and competitions throughout the Northwest.

Advanced Jazz Band **FAB415/FAB416**

Grades 9-12. Year long. 1.0 Visual/Performing Arts credit. Prerequisite: Successful audition and teacher recommendation. Must be enrolled in one of the three concert bands (guitar, bass and piano may be excluded from this).

This advanced 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.

Wind Symphony **FAB101/FAB102**

Grades 9-12. Year long. 1.0 Visual/Performing Arts credit.

This class is open to all wind instrumentalists and focuses on the development of each individual's technical proficiency. This class will concentrate a more focused, generally smaller ensemble. Wind Symphony gives various public performances during the year and will participate in the MPMEA District Band Festival. Private lessons for students in Wind Symphony are recommended. Freshman members of Wind Symphony are required to participate in the Marching/Pep Band during the football season. See description of the Marching/Pep Band below.

Symphonic Band **FAB201/FAB202**

Grades 9-12. Year long. 1.0 Visual/Performing Arts credit. Prerequisite: Successful audition and teacher recommendation.

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. Freshman members of Symphonic Band are required to participate in the Marching/Pep Band during the football season. See description of the Marching/Pep Band below.

Wind Ensemble **FAB401/FAB402**

Grades 9-12. Year long. 1.0 Visual/Performing Arts credit. Prerequisite: Successful audition and teacher recommendation.
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. Freshman members of Wind Ensemble are required to participate in the Marching/Pep Band during the football season and upper classmen are encouraged to participate. See description of the Marching/Pep Band below.

Marching/Pep Band is the band that the general public thinks of as the high school band. It supports the teams by performing at all home football games, selected boys' and girls' basketball games, and entertains the community 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 for specific fee amounts. Scholarships may be available from Band Boosters for students who need financial assistance.

Percussion Ensemble **FAB301/FAB302**

Grades 9-12. Year long. 1.0 Visual/Performing Arts credit. Prerequisite: Teacher recommendation. 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, as well as 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.

Symphonic Choir **FAC301/FAC302**

Grades 9-12. Year long. 1.0 Visual/Performing Arts credit.
Symphonic Choir is a non-auditioned performance-oriented course. Instruction will focus on rhythm reading, sight singing, sectional blend and balance, choral dynamics, and healthy vocal production. The class will be introduced to a wide variety of choral music throughout the year. Grading is based primarily on participation in class and at concerts. Choir is about teamwork and community. The choir will give public performances in the community as well as festivals and competitions throughout the Northwest. There are leadership opportunities. Pianists may audition to accompany the choir and receive credit for this class as well.

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 **ENG101/ENG102**

Grade 9. Year long. 1.0 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, creative, and expository writing assignments.

Freshman Honors English **ENG191/ENG192**

Grade 9. Year long. 1.0 credit. Prerequisite: suggested A or B for both semesters of 8th grade Language Arts class.
An enrichment course designed for students of highest 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 meet with their 8th grade English instructor prior to the end of the school year to obtain the required summer assignment.**

Sophomore English **ENG201/ENG202**

Grade 10. Year long. 1.0 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 argumentative essays.

Sophomore Honors English **ENG291/ENG292**

Grade 10. Year long. 1.0 credit. Prerequisite: Suggested 3.0 to 4.0 GPA in previous English classes

This is a college prep course for highly motivated sophomores. This academically rigorous course is based on universal themes and will require students to write in several modes and practice their analytical skills. Through study and critique of different pieces, students will develop their expository and argumentative essay skills. A literary research paper will also be required. 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 prior to the end of the school year to obtain the required summer assignment.**

Junior English **ENG301/ENG302**

Grade 11. Year long. 1.0 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 the 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.

CHS Dual	AP
5	ELA
ELA	

AP English Language and Composition **ENG601/ENG602**

Grade 11. Year long. 1.0 credit.

Advanced Placement English Language and Composition is a year-long commitment as a college level course for juniors.

The course is designed to challenge and stimulate college bound juniors through reading, writing and discussion. It emphasizes rhetoric and composition with attention to argumentative, narrative and expository forms. The purpose of AP English Language is to engage students in becoming skilled readers of texts written in a variety of periods, disciplines and rhetorical contexts. Students will see how conventions, and the resources of language contribute to effective writing. The class will prepare students to take the AP English Language and Composition exam in May, which, if passed, may grant them college credit. College in the High School may be offered, see instructor for details. **Students must meet with instructor prior to the end of the school year to obtain the required summer assignment.**

CHS Dual	AP
5	ELA
ELA	

AP English Literature and Composition **ENG605/ENG606**

Grade 12. Year long. 1.0 credit.

This course requires a full year commitment. Advanced Placement English Literature and Composition is a college-level literature and composition course in which students develop their skills as effective readers and writers. Through the study and critique of works of fiction, poetry, and drama, the student will gain academic confidence and learn how to write college-level essays, a skill that will benefit academically motivated students regardless of their future area of study in college. We'll be reading works by a variety of British and American writers to further our understanding of the world of literature and ourselves. This class prepares students to take the AP English Literature exam in May, which, if passed, may grant them college credit. College in the High School may be offered, see instructor for details. While there will not be a Summer assignment, a list of suggested readings will be provided.

Creative Writing 1 **ENG401**

Grades 9-12. Semester long. 0.5 credit.

This course is designed for students who like to write and wish to develop their skills in creative writing. Students will compose works such as poems, stories, fairy tales, personal narratives, a larger written project like a children's book, and they will receive feedback on their writing from both the teacher and classmates. Additionally, by examining the works of published writers,

students will learn a variety of techniques they can apply to their own work. The course emphasizes student self-expression and personal growth as writers.

Creative Writing 2 **ENG402**

Grades 9-12. Semester long. 0.5 credit. Prerequisite: Creative Writing 1.

This course offers students further development in their skills in creative writing. Students will compose works such as poems, stories, personal narratives, fairy tales, a larger written project like a comic book, and they will receive feedback on their writing from both the teacher and classmates. As in Creative Writing 1, students will examine the works of published writers to learn a variety of techniques they can apply to their own work. The course emphasizes student self-expression and personal growth as writers.

Monsters in Literature **ENG415**

Grades 11-12. Semester long. 0.5 credit.

This course explores monsters in literature and how they reveal the values of the cultures that created them. Students will be asked to think critically about monsters, focusing not only on cultural elements, but on elements of suspense, horror, and creative writing. Works studied will come from various periods and include *Beowulf*, *Frankenstein,* and *The Strange Case of Doctor Jekyll and Mr. Hyde*, as well as various folk tales, short stories, and films. Students will also research monsters of their own choosing from literature and film and look at how monsters impact and haunt today's society. The course involves both analytic and creative assignments and examines the monsters we face, create, and risk making of ourselves.

Mythology in Literature **ENG408**

Grades 12. Semester long. 0.5 credit.

From Athena to Zeus, the characters and stories of classical mythology have been both unforgettable and profoundly influential. 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 Babylonian, Egyptian, Mayan, Celtic, and Norse mythology. Special emphasis is given to Greek and Roman mythology, drama, and history. This is a rigorous course that includes challenging texts such as Edith Hamilton's *Mythology* and Homer's *The Iliad*. Students will showcase their knowledge through analytical writing and group presentations. This is a challenging but rewarding course that helps students gain insight into the development of Western thought and tradition.

Introduction to Journalism **ENG309**

CHS Dual
3

Grades 9-12. Semester long. 0.5 credit.

Students learn about the variety of writing styles required for print journalism, as well as the skills necessary to be a competent journalist; i.e.: writing under pressure, gathering and organizing information, conducting interviews and working effectively with peers. In addition, students will learn how to design and publish a variety of media using current publishing software. College in the High School may be offered, see instructor for details.

Advanced Journalism **ENG409**

CHS Dual
3

Grades 9-12. Semester long. 0.5 credit. Prerequisite: Introduction to Journalism or teacher permission.

Students learn about the history and basic principles of Journalism and its ethics, as well as the variety of writing styles required for print journalism. Students learn how to produce a newspaper; they make decisions about daily operations and overall policy with guidance from an adviser. Staff responsibilities include writing and editing articles, designing and selling advertising, taking and editing photos, illustrating stories and designing and laying out a newspaper. This course will help students write clearly and concisely, acquire poise by talking with many different kinds of people and learn to work closely with others as a team member. Students must be prepared to take on a variety of roles, accept and suggest constructive remarks and be strong independent workers. College in the High School may be offered, see instructor for details.

Modern Fiction **ENG407**

Grade 12. Semester long. 0.5 credit.

This course is for seniors who enjoy reading and discussing contemporary literature. Students will read select novels as a class, as well as have the opportunity to read books of their own choosing. Students will be expected to participate in oral presentations and turn in essays and projects assigned for select readings. The novels selected for this course are 20th century pieces and may contain adult content and language.

Science Fiction **ENG410**

Grade 12. Semester long. 0.5 credit.

This course explores the origins of science fiction literature and provides a strong range of short stories and novels that explore the various themes of the genre. Students will read dozens of short stories and two novels that look at topics such as aliens, cosmology, xenophobia, zombies, robots, artificial intelligence, mind control and utopia. Great science fiction writers such as Isaac Asimov, Ray Bradbury, Arthur C. Clarke, Harlan Ellison and Max Brooks are well represented in the course. The two novels read are *Ender's Game* by Orson Scott Card and *Fahrenheit 451* by Ray Bradbury. This course is for both newcomers to science fiction and for long-time fans of the genre.

Speech **ENG403**

Grades 9-12. Semester long. 0.5 credit.

Would you like to make a class presentation the easiest assignment all year? How about having the advantage in a job interview? This speech --class is designed to give students skills in public communications, class presentations as well as an understanding in the dynamics of personal communications. Speech will assist a student in maintaining poise, self-confidence and developing the use of logic in argumentation. Emphasis is placed on understanding verbal and nonverbal communication as well as the development of ideas and research skills. Building a student's vocabulary will also be an integral part of this class. Impromptu speeches and speeches to inform and persuade will be the focus.

The following courses may count as a third year of English if it follows your college and career plan; however, these classes won't help you prepare for college-level English.

- Law and Business Ethics – CTB104, page 49
- Publications (Yearbook) – CTA203/CTA204 page 48
- Introduction to Journalism – ENG309 page 29
- Advanced Journalism – ENG409 page 29
- Speech – ENG403 page 30
- Shop 3—Core Plus Aerospace—CTT315/CTT316 page 52 PENDING

ASB STUDENT LEADERSHIP

ASB leadership begins with the *will,* which is our unique ability as human beings to align our intentions with our actions and choose our behavior. With the proper *will,* we can choose to love: *the verb*, which is about identifying and meeting legitimate needs, not wants, of those we lead. When we meet the needs of others, we will, by definition, be called upon to *serve* and even *sacrifice*. When we *serve* and *sacrifice* for others, we build authority or *influence,* The Law of the Harvest. And when we build authority with people, then we have earned the right to be called a *leader*.

Introduction to ASB Leadership **LDR101**

Grades 9-11. Semester long. 0.5 credit.

This class is highly recommended for Class Officers, ASB Senators, Club Officers and/or Cheer Staff

This class is open to all students interested in developing leadership skills, character development and creating a positive school culture. Through servant leadership and the Character Strong Curriculum, students will acquire knowledge, skills and experience towards demonstrating their leadership potential. The class is primarily experientially based and emphasizes the importance of communication, character, personal growth, and building strong relationships and teams. Also covered will be listening skills, synergy, perceptions, conflict styles, personality, and group formation. A variety of initiatives will be used to facilitate the learning of skills and, along with various media, reinforce those skills throughout the semester.

Advanced ASB Leadership **LDR301**

Grades 10-12. Semester long. 0.5 elective credit/Career and Technical Education credit. Prerequisite: Introduction to ASB Leadership or Leadership advisor recommendation.

It is recommended that students who take this class sign up for a full year (LDR301 and LDR302).

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 activities, engage activities, lunch time activities, school activities and community improvement projects. In addition, students will be required to attend some of these activities beyond their regular school hours.

Advanced ASB Leadership **LDR302**

Grades 10-12. Semester long. 0.5 elective credit/Career and Technical Education credit. Prerequisite: Introduction to ASB Leadership or Leadership advisor recommendation.

This course is a continuation of LDR101 and/or LDR301. See course descriptions above.

MATHEMATICS

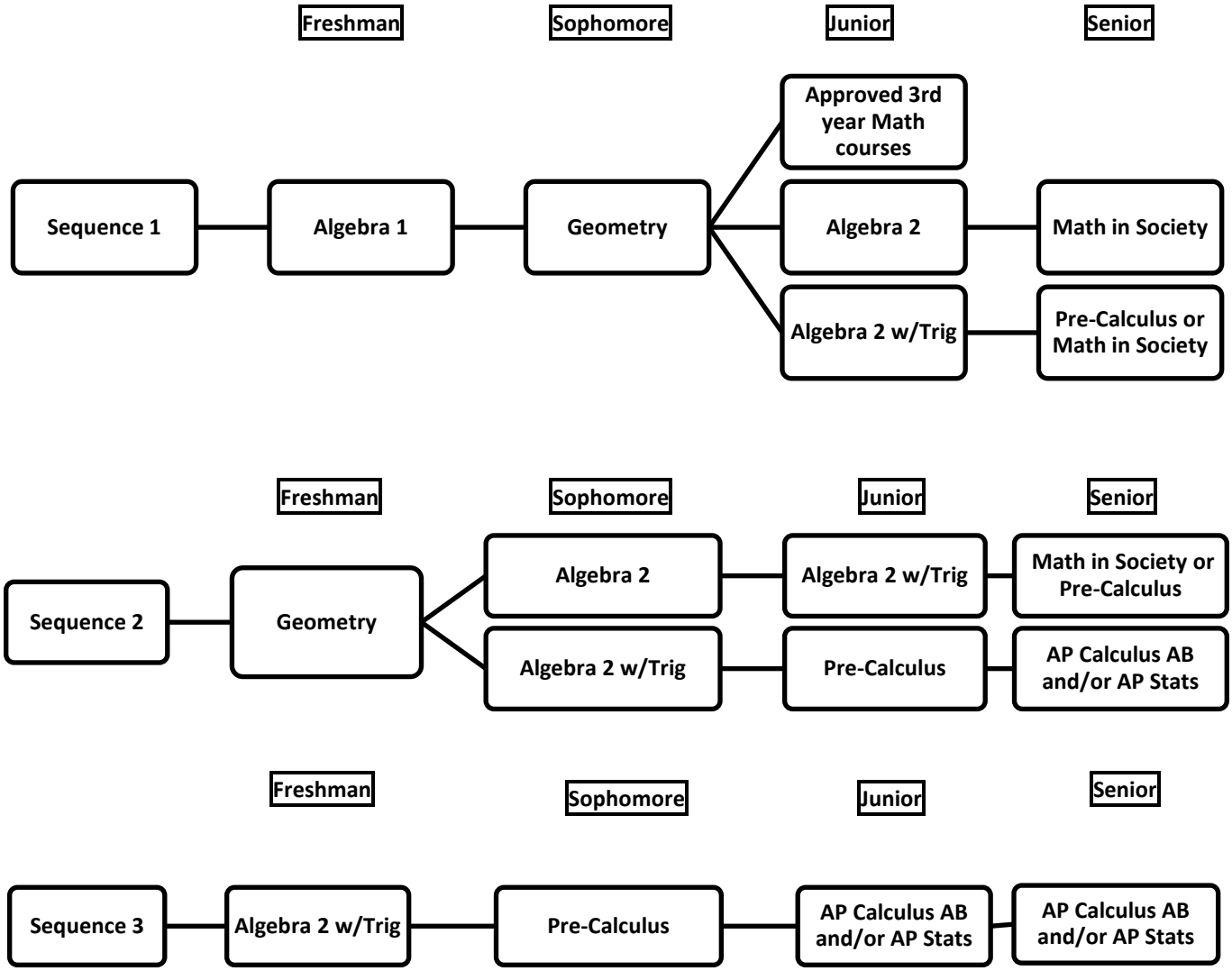
Mathematics allows students to understand the order in our world and to solve real-life problems by using logic, observing patterns and manipulating numbers and symbols. Any student failing first semester math will meet with their counselor to determine appropriate second semester placement.

Graphing calculators are available for rent from Snohomish High School for a $15 fee. Calculators must be returned by the end of the school year or up to $113 will be charged to the student's account. Any damage will also be subject to fines. Each calculator will come with a brand-new set of batteries. Students are responsible for replacing batteries throughout the year, if needed, at their own cost. Calculator check-outs are first come, first served.

*All classes requiring a graphing calculator are taught to the TI-83 or TI-84 (Texas Instruments) operating system. Casio and Hewlett-Packard brand calculators use a different operating system and are not readily supported by our staff.
Students will not be allowed to use Ti-Nspire CAS, or TI-89.

Scientific calculators are available for rent from Snohomish High School for a $3 fee. Calculators must be returned by the end of the year or a $15 fee will be charged to the student's account. Any damage will also be subject to fines. Calculator check-out is first come, first served.

RECOMMENDED SEQUENCES



Algebra 1 **MAT111/MAT112**

Grades 9-12. Year long. 1.0 credit.

This course will cover the core content as outlined by the math standards: solving problems; numbers, expressions and operations; characteristics and behaviors of functions; linear functions, equations and inequalities; exponential functions; quadratic functions and equations; data distributions; and additional key contents.

***A scientific calculator is required but a graphing calculator is acceptable.**

Geometry **MAT211/MAT212**

Grades 9-12. Year long. 1.0 credit. Prerequisite: Algebra 1

This course will cover the core content as outlined by the math standards: logical arguments and proofs, lines and angles, two- and three-dimensional figures, geometry in the coordinate plane, geometric transformations and additional key content.

***A scientific calculator is required but a graphing calculator is acceptable.**

Algebra 2 **MAT301/MAT302**

Grades 9-12. Year long. 1.0 credit. Prerequisite: Credit in Algebra 1 and Geometry.

This course covers the core content as outlined by the third-year state math standards. Topics that will be taught involve solving problems; numbers, expressions and operations; quadratic functions and equations, exponential and logarithmic functions and

equations; characteristics of polynomial functions; data and distributions; and additional key content. Successful completion of this course will prepare students for Math in Society or Algebra 2 w/Trig. **Students must complete Algebra 2 w/Trig before taking Pre-Calculus**. **This course is designed for students who will either end their high school math with this course or go on to take Math in Society.**

***A T1-83 or 84 plus graphing calculator is required.**

Algebra 2 w/Trig **MAT321/MAT322**

Grades 9-12. Year long. 1.0 credit. Prerequisite: Algebra 1 and Geometry with B- or better in Algebra

This course will cover the core content as outlined by the Math standards: solving problems; modeling functions, characteristics of polynomial functions; rational functions; quadratic functions and equations, exponential and logarithmic functions and equations; data and distributions; trigonometric functions and additional key content. 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 or AP Calculus AB while still in high school. Students expecting to go into math intensive majors in college or university should also take this course.**

***A T1-83 or 84 plus graphing calculator is required.**

Math in Society **MAT351/MAT352**

CHS Dual
5
Math

Grades 9-12. Year long. 1.0 credit. Prerequisite: Algebra 2/Algebra 2 w/Trigonometry. CHS Math 107. 5 credits.

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. College in the High School may be offered, see instructor for details.

***A scientific calculator is required but a graphing calculator is acceptable**

Pre-Calculus **MAT401/MAT402**

CHS Dual	* must
10*	have both
Math	semesters

Grades 10-12. Year long. 1.0 credit. Prerequisite: B- or better in Algebra 2 w/Trig CHS Math 141 and 142 10 credits if enrolled for the full year.

This class continues the preparation for Calculus and college mathematics. Students who receive below a C+ grade in Algebra 2 w/Trig should consider retaking that course rather than enrolling in Pre-Calculus. This course reviews functions and analytic geometry, trigonometry and introduces basic calculus concepts. College in the High School may be offered, see instructor for details.

***A T1-83 or 84 plus graphing calculator is required.**

AP Calculus AB **MAT605/MAT606**

CHS Dual	AP
10	Math
Math	

Grades 11-12. Year long. 1.0 credit. Prerequisite: Pre-Calculus. CHS Math 151 and 152. 10 credits.

This course requires a fully year commitment. AP Calculus AB is a graphing calculator-based college level course. Topics covered include integrals, differentials and limits. This class will prepare students to take a college level math class and the AP Calculus AB exam in May, which, if passed, may grant them college credit. College in the High School may be offered, see instructor for details.

***A T1-83 or 84 plus graphing calculator is required.**

AP Statistics **MAT601/MAT602**

CHS Dual	AP
5	Math
Math	

Grades 11-12. Year long. 1.0 credit. Prerequisite: Alg 2 w/ Trig. May be taken concurrently with Pre-Calculus or Calculus. CHS Math 146. 5 credits.

AP Statistics requires a full year commitment and covers college level Statistics. The major topics covered will include: exploring data, planning a study, anticipating patterns, and statistical inference. Serious students planning later study in Engineering, Psychology, Science, Sociology, Business and Mathematics should consider Statistics. This class will prepare students to take the AP Statistics exam in May which, if passed, may grant them college credit. College in the High School may be offered, see instructor for details. ***A T1-83 or 84 plus graphing calculator is required.**

The following CTE courses may count as a third year of math if it follows your college and career plan; however, these classes won't help you prepare for college level mathematics.

- CADD Fundamentals – CTT101, page 51
- Advanced CADD/CAM – CTT201/CTT202, page 52
- Business Math – CTB307/CTB308, page 49
- Personal Finance – CTB201, page 49
- AP Computer Science A – CTT601/CTT602, page 50
- AP Computer Science Principles-CTT605/606, page 50
- Shop 3 – Core Plus Aerospace – CTT315/316, page 52 PENDING

PHYSICAL EDUCATION

All students are required to take 1.5 credits of PE and 0.5 credits of Health during high school. All Physical Education electives may be repeated for credit. The goal of PE classes at SHS is to motivate students to strive for lifetime personal fitness with an emphasis on the fitness components. All PE classes will start the period with a fitness component focused warm-up before going with their individual classes. Students will measure their beginning fitness levels and working toward Improvement on physical fitness assessments that align with class goals. Physical and written assessments will vary by class. All Physical Education classes are open to both male and female students.

Racquet Sports **PEH104**

Grades 9-12. Semester long. 0.5 credit.

(Tennis, Badminton, Pickle ball) 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 and running will also be emphasized as an important part of each sport.

Team Sports **PEH105**

Grades 9-12. Semester long. 0.5 credit.

This class is for students wishing to participate in a variety of team sports. Students will be expected to increase their abilities through sports and research. This is a class for 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.

Walk Fit **PEH106**

Grades 9-12. Semester long. 0.5 credit.

Walk Fit is a class designed for students who are interested in developing fitness through a walking program as well as gaining strength and flexibility using alternative lifting methods such as medicine balls, resistance bands, stability balls, yoga and Pilates. This class walks off campus at least two times per week, even during winter months. Students are expected to have a fitness level that allows them to walk up to two miles at a fitness-pace. This class requires independence, responsibility and personal accountability at all times.

Yoga Fitness **PEH107**

Grades 9-12. Semester long. 0.5 credit.

Yoga Fit focuses on teaching introductory concepts of yoga as part of lifetime fitness. Students will learn and practice more than 60 yoga poses, eventually creating their own yoga routine. 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 group exercise: dance, stability balls, walking, medicine balls, body weight workouts, bands, etc. (All Fitness Levels)

Functional Fitness **PEH108**

Grades 9-12. Semester long. 0.5 credit.

Functional Fitness is a rigorous, high intensity fitness class designed to prepare students to compete at high levels through sport specific strength and conditioning practices. Advanced weightlifting exercises that focus on improving functional movement, speed, agility, quickness and balance will help students improve performance and reduce the risk of injury. This class is designed for students who have experience in strength training and / or plan to be involved in competitive fitness activities during and after high school. (Intermediate-Advanced Fitness Levels)

Strength Training **PEH109**

Grades 9-12. Semester long. 0.5 credit.

Strength Training will help students gain an understanding of the human body and how it functions. They will also learn and perform exercises and workout programs that will help improve muscular strength, muscular endurance, cardiovascular fitness, and flexibility. The class is designed for students of all fitness levels and may be repeated. (Beginner-All Fitness Levels)

The following CTE courses qualify for Physical Education equivalencies. See appropriate page for full description.

- Leadership Education/JROTC - LDR105/106, Page 54
- Leadership Education 2 (2nd Year Cadet) – LDR205/206, page 54
- Leadership Education 3 (3rd Year Cadet) – LDR405/406, page 54
- Leadership Education 4 (4th Year Cadet) – LDR505/506, page 55
- JROTC Drill - LDR305/306, page 55
- Sports Medicine 1, CTS201/CTS202, page 56
- Sports Medicine 2, CTS301/CTS302 page 56

HEALTH EDUCATION

Health Education **PEH201**

Grade 9. Semester long. 0.5 required Health credit.

Health Education is required for graduation. This course is designed to build sound health knowledge, attitudes and practices for future healthful living. This course will include mental health, interpersonal relationships, sexual health and reproduction, first aid, drug and alcohol abuse, nutrition, safety education and environmental living.

SCIENCE

Snohomish School District Science Graduation Requirements (3 credits)
It is recommended that each student takes:

- 1 Life Science: (Biology of the Living Earth, Animal Biology, Plant Biology, Adv Animal Biology, Adv Plant Biology, AP Biology)
- 1 Physical Science: (Earth Chemistry, Physics of the Universe, Chemistry, AP chemistry, AP Physics)
- 1 Science course aligned with High School and Beyond Plan

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 will be required to have 3 science credits to graduate, with 2 of those courses being laboratory sciences (1 life science and 1 physical science strongly recommended). These courses will prepare students for the WCAS (WA Comprehensive Assessment of Science) given during the Spring of the student's 11th grade year and will assess a broad range of science and engineering practices and core ideas.

Suggested Science Sequences

	Agricultural Pathway	Standard Pathway	College Prep Pathway	Accelerated Pathway
9th	Animal Biology or Plant Biology	Biology	Biology	Chemistry*
10th	Advanced Animal Biology or Advanced Plant Biology	Earth Chemistry	Chemistry*	AP Science
11th	Agroecology or Chemistry*	Science based on graduation pathway interest*	AP Science or other science	AP Science
12th			AP Science or other science**	AP Science**

*An Algebra-Based Science is required for 4-year college/university admissions directly out of high school

**A fourth year of Science is not required for admissions. However, it is recommended as it is important that students keep an academically rigorous schedule for college preparation.

Biology of the Living Earth **SCI211/SCI212**

Grade 9. Year long. 1.0 Life Science credit.

This **laboratory science** course is designed to introduce students to the scientific principles and concepts that drive life. Students will follow the steps of the scientific method in classroom activities and laboratory investigations. The main concepts covered will be biochemistry, cells (structure and processes), genetics (molecular and Mendelian), evolution, taxonomy (including the anatomy and physiology of six major kingdoms of life), ecology and their relationships to the Earth. This course is designed to prepare students to meet current state standards in science education and provide a firm science foundation for college preparatory course work.

Earth Chemistry **SCI301/SCI302**

Grades 10-12. Year long. 1.0 credit.

This survey course allows students to examine the basic principles of Chemistry and their relationship to the life and earth Sciences. This is a **laboratory science** course which requires students to safely use laboratory equipment to collect data which supports the course objectives. Areas of study include matter, atomic structures, chemical interactions, energy, and the environment. This course is designed to prepare students to meet current state standards and assessments.

Chemistry **SCI351/SCI352**

CHS Dual
5

Grades 9-12. Year long. 1.0 credit. Recommended: B or better in Algebra 1.

EVCC Course Info: Introduction to Chemistry, CHEM&121, 5 credits

This **algebra-based science laboratory** course is recommended for college bound students. This course will include the study of the composition and properties of matter, with an emphasis on the Mole and Mole application, as well as the study of physical and chemical changes. Students will be taught to confirm theory through lab work and to develop theories based on lab data. Proper lab technique and lab safety will be a priority for practical work. There will be a certain amount of memorization and homework time (20-30 minutes) required for success in this class. Gaining a good understanding of the principles taught first semester is necessary for successful application of the principles taught second semester. College in the High School may be offered, see instructor for details.

Physics of the Universe **SCI401/SCI402**

CHS Dual
5

Grades 10-12. Year long. 1.0 credit

EVCC Course Info: Concepts and Connections, PHYS102, 5 credits

This **algebra-based laboratory science** course allows students to examine the basic principles of physics and their relationship to the life and earth Sciences. Content typical of a first-year college non-physics major course will be covered, including mechanics, optics and electricity. Demonstrations, projects, and laboratory activities will be performed throughout the course, and be used to develop concepts. Problem solving abilities and logical analysis will also be stressed. Each student should possess a scientific calculator. This course meets the minimum college entrance requirements for one credit of Algebra based science. College in the High School may be offered, see instructor for details.

Human Anatomy and Physiology **SCI315/SCI316**

CHS Dual
5

Grades 11-12. Year long. 1.0 credit. Recommended: 2.0 Science credits. $25.00 nonrefundable consumable lab fee.

Human Anatomy & Physiology, an elective **laboratory science**, is designed to provide students with an in-depth understanding of the human body by studying the structure and function of the human body systems and their interrelationships consistent with the improvement and maintenance of personal wellness. Students will study the integumentary, skeletal, muscular, cardiovascular, and respiratory systems. Dissections are a part of this curriculum and include a rat, mink, cow knee and a heart. College in the High School may be offered, see instructor for details.

AP Biology **SCI601/SCI602**

CHS Dual	AP
5	

Grades 10-12. Year long. 1.0 credit. Recommended: Full year General Chemistry. $25.00 nonrefundable consumable lab fee.

EVCC Course Info: Survey of Biology, BIOL&100, 5 credits

This course requires a full year commitment. AP Biology, a **laboratory science** course, is designed to be equivalent to an introductory Biology course in college. The main topics are similar to that of other Biology courses offered at Snohomish High School, only more in-depth. The primary goal of this course is to educate students about the biological community and lay a foundation for further study in the medical or science field. 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. College in the High School may be offered, see instructor for details.

AP Chemistry **SCI605/SCI606**

CHS Dual	AP
5	

*Grades *10-12. Year long. 1.0 credit. Recommended: full year of General Chemistry with a B or better or teacher recommendation. $25.00 nonrefundable consumable lab fee.*
**Open to 10th graders if successfully completed General Chemistry in 9th grade.*
EVCC Course Info: Introduction to Chemistry, CHEM&121, 5 credits
This course requires a full year commitment. AP Chemistry, an **algebra-based laboratory science** course, is 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 thermodynamics, equilibrium and molecular geometry. Students will apply the principles they have learned in theory to a laboratory for reinforcement, development of techniques and error analysis. Required time outside the scheduled class period to finish exams/labs will occur periodically. This class will prepare students to take the AP Chemistry exam in May, which, if passed, may grant them college credit. College in the High School may be offered, see instructor for details. Students must have Internet access, as homework assignments may be online. This course meets the minimum college entrance requirement for one credit of Algebra based science.

AP Physics 1 **SCI613/SCI614**

CHS Dual	AP
15	

Grades 11-12. Year long. 1.0 credit. Recommended: Completed Algebra 2 w/Trig. Full year General Chemistry or Physics of the Universe.
EVCC Course Info: General Physics I, II, & III, PHYS&114 - 116, 5 - 15 credits
This course requires a full year commitment. AP Physics 1: **Algebra-Based**, is the equivalent to a first- semester college course in algebra-based physics. The **laboratory science** course covers Newtonian mechanics (including rotational dynamics and angular momentum); work, energy, and power; and mechanical waves and sound. It will also introduce electric circuits. Required time outside the scheduled class period to finish exams/labs will occur periodically. This class will prepare students to take the AP Physics 1 exam in May, which, if passed, may grant them college credit. Other topics such as thermodynamics, electricity and magnetism, and optics, which now are part of the AP Physics 2 curriculum, will still be taught, *but not in as much detail*. College in the High School may be offered, see instructor for details. This course meets the minimum college entrance requirement for one credit of Algebra based science.

AP Environmental Science **SCI609/SCI610**

CHS Dual	AP
5	

Grades 11-12. Year long. 1.0 credit. Recommended: 2.0 Science credits. $25.00 nonrefundable consumable lab fee.
EVCC Course Info: Introduction to Environmental Science, w/Lab, ENVS&101, 5 credits
This course requires a full year commitment. AP Environmental Science is an elective college-level **laboratory science** course that enables students to undertake more advanced studies of environmental issues, both from scientific and social points of view. Scientific principles and methodologies studied will allow students to identify and analyze both natural and man-made environmental problems and to evaluate alternative solutions for resolving them. Specific topics include energy flow through ecosystems, the cycling of matter, renewable and nonrenewable resource distribution, environmental quality including air/water/soil monitoring, human population dynamics and global changes and their consequence. Students should have a background in Biology, Chemistry, Physical Science and Algebra; otherwise, additional effort will be necessary. Students must meet with instructor before the end of the school year to obtain the required summer assignment. Students will be required to do work outside the class as well. This class will prepare students to take the AP Environmental Science exam in May, which, if passed, may grant them college credit. College in the High School may be offered, see instructor for details.

Astronomy **SCI404**

CHS Dual
5

Grades 11-12. Semester long. 0.5 credit. Recommended: Completed Algebra 1.
Astronomy, a **laboratory and algebra-based science** course, studies the planetary system, stellar astronomy and cosmology. The course will require some astronomical observations to be done in the evenings. Students need a strong "working use" of Algebra. The course is designed for students with a high interest in Astronomy. College in the High School may be offered, see instructor for details.

Forensic Science **SCI405**

Grades 11-12. Semester long. 0.5 credit. Recommended: 2.0 Science credits. $10.00 nonrefundable consumable lab fee.

Forensic Science is an elective **laboratory science** 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. The 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, finger printing and document analysis.

Animal Biology **SCI231/SCI232**

Grade 9. Year long. 1.0 Science credit/Career and Technical Education credit. ***A $20.00 FFA membership fee is optional for this course. Outside projects are part of the class. Scholarship opportunities and awards are available to student club members.***

This **laboratory science** course is designed around the scientific principles and concepts that drive living systems. 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. Students taking this course may opt to have it recorded on their transcript as "Biology".

Plant Biology **SCI221/SCI222**

CTE Dual
7

Grade 9. Year long. 1.0 Science credit/Career and Technical Education credit. ***A $20.00 FFA membership fee is optional for this course. Outside projects are part of the class. Scholarship opportunities and awards are available to student club members.***

This **laboratory science** course is designed around the scientific principles and concepts that drive living systems. 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 importance of domestic plants. 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. College credit may be obtained if the course is completed with a B or better and the necessary paperwork is completed. See page 20 for more information. Students taking this course may opt to have it recorded on their transcript as "Biology".

Advanced Animal Biology **SCI331/SCI332**

Grades 10-12. Year long. 1.0 Science credit/Career and Technical Education credit. Recommended: C or better in Animal Biology, Biology or with instructor permission. ***A $20.00 FFA membership fee is optional for this course. Outside projects are part of the class. Scholarship opportunities and awards are available to student club members.***

This **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. Upon successful completion of the program, optional testing is available for students to be licensed as a Veterinary Assistant. Students may also receive additional opportunities for mentorships, internships and scholarships through local companies/labs. Upon successful completion of the program, optional testing is available for students to become a level 1 Certified Veterinary Assistant through Texas Medical Veterinary Association. (See instructor for details.) Students must be able to work in a team/group environment and be able to stay focused and self-directed. Additional opportunities for mentorships, internships and scholarships are available through local and national organizations.

Advanced Plant Biology (not offered this year) **SCI321/SCI322**

Grades 10-12. Year long. 1.0 Science credit /Career and Technical Education credit. Alternating even years (2020, 2022). Recommended: Biology, Plant Biology, Animal Biology or with instructor permission. ***A $20.00 FFA membership fee is optional for this course. Outside projects are part of the class. Scholarship opportunities and awards are available to student club members.***

This **laboratory science** class will focus on advanced plant systems. Topics may include greenhouse management practices including; plant propagation, health, disease identification, marketing, and planning for the annual plant sale. Nursery Landscape and Floriculture practices will be explored by hands on application of design principles and correct material identification and

selection. Food, fiber and sustainable agriculture systems will be investigated, and models of these systems will be practiced. Practical application of food safety, GMOs and transgenic sciences will be investigated.

Agroecology and Sustainability (not offered this year) ***SCI335/336***

Grades 10,11,12. Year long. 1.0 Science or 1.0 Career and Technical Education credit. Recommended: Biology, Animal Biology, or Plant Biology.

This course is a study of sustainable farming that works with nature. Ecology is the study of relationships between plants, animals, people, and their environment - and the balance between these relationships. Agroecology is the application of ecological concepts and principals in farming. Outside projects are part of the class. Scholarship opportunities and awards are available to student club members

The following CTE courses may count towards the third-year Science requirement. Please note, they do not fulfill the suggested Physical or Life Science requirement, are not Lab or Algebra-based sciences, and may not be accepted by a four-year university as a Science credit.

- Food for the Active Body CTF103, page 56
- Shop 2: Core Plus Manufacturing CTT213/214, page 52
- Shop 3: Core Plus Aerospace CTT315/CTT316, page 52 PENDING
- Welding Science CTT217, page 52
- AP Computer Science Principles CTT605/606, page 50
- AP Computer Science A CTT601/602, page 50

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.

Modern World History **SOC201/SOC202**

Grade 10. Year long. 1.0 required Social Studies credit.

Starting in the 15th century, 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 16th-20th centuries, students compare society, religion, government, art and science in each culture and learn how interaction among countries impacted each of these areas. As study enters the 21st century, students will be able to see how their historical understanding helps explain some of the world's thorniest contemporary issues.

AP World History **SOC601/SOC602**

CHS Dual	AP
5	ELA

Grade 10. Year long. 1.0 credit. Prerequisite: 3.0 GPA

The Advanced Placement World History course requires a full year commitment and is designed for students who have strong reading and writing skills, 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. This course requires students to look at World History from a broader perspective; they will draw connections between past human civilizations and develop a framework to understand how the world's past shapes contemporary society. This course will prepare students to take the AP World History exam in May, which if passed, may grant them college credit.. Open to sophomores only, with the exception of remediation (those who failed to get the credit the first time) or out of district students transferring to our district. College in the High School may be offered, see instructor for details.

United States History 1 & 2 **SOC301/SOC302**

Grade 11. Year long. 1.0 required 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 and elements of pertinent literature. Specific topics include geography, foreign relations, minorities, technology, labor, personal and social skill development.

AP U.S. History **SOC605/SOC606**

CHS Dual	AP
15	ELA

Grade 11. Year long. 1.0 credit. Prerequisite: Recommended 3.0 GPA.

AP U.S. History requires a fully year commitment and 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. College in the High School may be offered, see instructor for details.

Psychology of the Self **SOC211**

Grades 9-12. Semester long. 0.5 elective credit.

This one-semester elective course acquaints the student with vocabulary, principles and general nature of Psychology that is common to all peoples. Understanding human behavior, diagnosing causes for actions, understanding intelligence, learning the effects of propaganda and looking at the human brain are but a small part of this course. Students should be prepared to do extensive research.

Law and Business Ethics **CTB107**

CHS Dual
5

Grades 9-12. Semester long. 0.5 Career and Technical Education credit/Social Studies elective credit/Senior English credit. For more information see page 49.

12th GRADE REQUIREMENTS

Snohomish High School offers semester classes of senior Social Studies and one year-long AP US Government and Politics course. Each course will contain a survey of the principles of U.S. Government and the study of current events. However, each class will have a specific focus as indicated below. Students must pass a different class option each semester in order to meet their 1.0 senior Social Studies requirement. **Students will choose either two different semester long courses or the year-long AP US Government and Politics course to meet their senior Social Studies requirement.**

Civics and Current Issues **SOC401**

Grade 12. Semester long. 0.5 credit.

This course has a particular focus on analyzing ongoing world and domestic issues as they are presented in the news media. Students will practice media literacy, learn how to evaluate different types of news articles, how to recognize neutral, conservative, liberal and other types of news perspectives, and to use reliable information to support their positions on current event topics.

Civics and Economics **SOC402**

Grade 12. Semester long. 0.5 credit.

This course has a focus on building an understanding of business and governmental economic concepts and policies. Governmental and business practices will be analyzed as they relate to both macroeconomics and microeconomics. Various economic systems will be examined historically, as well as the different factors and decisions that drive the U.S. economy and affect lives nationally and globally.

Civics and Environmental Issues **SOC403**

Grade 12. Semester long. 0.5 credit.

This course focuses on the ever-changing environmental issues of our global society. Students will understand the role governments and other stakeholders have in solving complex problems. Students will evaluate perspectives and debate policy.

Civics and Law **SOC404**

Grade 12. Semester long. 0.5 credit.

This course focuses on the basic foundations of the American governmental system, particularly the Constitutional government at the federal, state and local levels. The workings of the legislative and judicial branches of government are examined relative to the creation and modification of laws and protections of civil liberties. A Constitution writing assignment and/or student bill writing and lobby experience, and involvement in the campaign/election process are incorporated in the coursework.

Civics and Comparative Cultural Studies **SOC405**

Grade 12. Semester long. 0.5 credit.

This course focuses on connecting historical cultural developments to contemporary issues and magnifies diverse voices and perspectives. The course will develop student perspectives and modes of thoughtful judgment designed to motivate students to actively engage in our democracy.

AP US Government and Politics **SOC609/SOC610**

CHS Dual	AP
5	ELA

Grade 12. Year long. 1.0 credit.

This course requires a full year commitment and 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 US Government and Politics exam in May, which if passed, may grant them college credit. College in the High School may be offered, see instructor for details.

WORLD LANGUAGES

In our increasingly global economy, the study of languages 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 college or university, should consider a three or four-year course of study.
Students who earned a grade of "D" or below in their language class should register to repeat that course before moving on to the next level.

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 proficiency assessment. *Please see your counselor or a World Language teacher for additional information*.

Chinese 1 **WLC101/102**
Grades 9-12. Year long. 1.0 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 and expanding relations between China and the Pacific Northwest.

Chinese 2 **WLC201/202**

CHS Dual
5

Grades 9-12. Year long. 1.0 credit. Recommended: Chinese 1 with a C or better.
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 in the High School may be offered, see instructor for details.

Chinese 3 **WLC301/302**

CHS Dual
5

Grades 9-12. Year long. 1.0 credit. Recommended: Chinese 2 with a C or better.
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 in the High School may be offered, see instructor for details.

Chinese 4 **WLC401/402**
Grades 9-12. Year long. 1.0 credit. Recommended: Chinese 3 with a C or better.
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/WLG102**
Grades 9-12. Year long. 1.0 credit.
Students will begin to learn to speak, read, write and understand German by studying vocabulary and sentence structure. German music, films, games and other activities will be used to increase the student's ability to understand the spoken language as well as the culture. Regular practice and study outside the classroom is required.

German 2 **WLG201/WLG202**

CHS Dual
5

Grades 9-12. Year long. 1.0 credit. Recommended: German 1 with a C or better.
This course is a second-year elective. Principles of grammar will continue to be presented along with work in speaking, reading and understanding. Students will begin to do 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 is required. College in the High School may be offered, see instructor for details.

German 3 **WLG301/WLG302**

Grades 9-12. Year long. 1.0 credit. Recommended: German 2 with a C or better.

CHS Dual
5

This third-year elective course is highly recommended for college-bound students in order to increase their vocabulary and knowledge of the basic 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. College in the High School may be offered, see instructor for details.

German 4 **WLG401/WLG402**

Grades 9-12. Year long. 1.0 credit. Recommended: German 3 with a C or better.

CHS Dual
5

This fourth-year elective course is recommended for college bound students who would like to improve their communication skills. Students must be highly motivated, independent learners who would like to improve their German skills. This is a project-based course in which students will improve their knowledge and understanding of advanced grammatical concepts as well as culture and history of German-speaking countries. College in the High School may be offered, see instructor for details.

Spanish 1 **WLS101/WLS102**

Grades 9-12. Year long. 1.0 credit.

This one-year elective 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/WLS202**

Grades 9-12. Year long. 1.0 credit. Recommended: Spanish 1 with a C or better.

CHS Dual
5

This course is a second-year elective. Emphasis is on higher levels of grammar, communication skills, reading, composition and culture. Daily practice, review and study outside the classroom is required. College in the High School may be offered, see instructor for details.

Spanish 3 **WLS301/WLS302**

Grades 9-12. Year long. 1.0 credit. Recommended: Spanish 2 with a C or better.

CHS Dual
10

This is a third-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 in the High School may be offered, see instructor for details.

Spanish 4 **WLS401/WLS402**

Grades 9-12. Year long. 1.0 credit. Recommended: Spanish 3 with a C or better.

CHS Dual
10

This course is intended for those students who are highly motivated to improve their communication skills and complex grammar structures in the Spanish language. Advanced oral skills, grammar and composition will be emphasized. The student will be expected to write essays, participate in oral discussions and analyze literature in Spanish. Comprehensive and extended study of the grammar concepts and an extensive concentration on communication and writing skills will be the focus of this class. College in the High School may be offered, see instructor for details.

CAREER AND TECHNICAL EDUCATION (CTE)

Snohomish High School offers a wide variety of courses that encourage students to explore future careers. For high school graduation, all students are required to take at least one credit of coursework in CTE.

Many CTE courses are able to apply to more than one graduation requirement. For these courses, students have the ability to meet two requirements by taking one course; however, a student may only receive credit once for the course. As an example, Floral Design is a .5 credit course. A student may meet both an Art requirement and a CTE requirement but will earn a total of .5 credit toward the over-all 24 credits needed to graduate.

For students whose High School and Beyond Plan is to enter the work force, technical college, or apply for an apprenticeship directly out of high school and to follow the CTE Sequence Pathway (see page 6), students should plan to take at least two credits of CTE coursework in one specific, defined pathway. Here are the defined pathways for Snohomish High School:

*To meet the CTE Graduation Pathway, students must accrue 2.0 high school credits in one designated Pathway. In addition, one course within that pathway must include the potential to earn college credit or lead to an industry recognized credential. Courses that do so are noted with an asterisk. Courses need not be taken in any particular sequence except as identified by pre-requisite or certification requirements.

Career and Technical Education (CTE)

Snohomish High School - 2024/2025 and Beyond

☆ = Dual credit or approved industry certificate

Recent changes in state graduation requirements allow students in the class of 2020 and beyond the option to meet state math and English/language arts testing requirements by completing two (2) credits in an approved OSPI program area that provide opportunities to earn college credit and/or an industry recognized certification.

Each CTE program box shows course options that can meet the requirements for the CTE graduation pathway. **Coursework must equal two credits within the CTE program box and one of the courses must have the dual credit or approved industry certification designation (☆) to be a Snohomish School District State approved pathway option.** The CTE pathway must be reflected in the student's High School Beyond Plan.

AGRICULTURE, FOOD AND NATURAL RESOURCES

0.5/1.0 Agriculture Worksite Learning

Plant Systems

☆ 1.0 Plant Biology
1.0 Advanced Plant Biology
0.5 Floral Design

Animal Systems

1.0 Animal Biology
☆ 1.0 Advanced Animal Biology
1.0 Agroecology and Sustainability

BUSINESS AND MARKETING

0.5/1.0 Business and Marketing Worksite Learning

Business Management & Administration

☆ 0.5 Introduction to Business Management
☆ 1.0 Advanced Business Management
☆ 1.0 Business Math
☆ 0.5 Personal Finance
0.5 Law and Business Ethics

Marketing Management

☆ 1.0 Introduction to Marketing
☆ 1.0 Advanced Marketing
☆ 1.0 Sports & Entertainment Marketing
☆ 1.0 Entrepreneurship DECA

Information Technology

1.0 Publications
0.5 Introduction to Computer Science Principles
☆ 1.0 AP Computer Science Principles
☆ 1.0 AP Computer Science A
☆ 1.0 Advanced Projects in JAVA

FAMILY AND CONSUMER SCIENCE

0.5/1.0 Family and Consumer Science Worksite Learning

Hospitality- Culinary Arts

☆ 0.5 Culinary Essentials 1
☆ 0.5 Culinary Essentials 2
0.5 Food for the Active Body

Human Services

0.5 Child Development

Design

☆ 0.5 Interior Design

HEALTH SCIENCE

0.5/1.0 Health Science Worksite Learning

Therapeutic Services

☆ 1.0 Sports Medicine 1
☆ 1.0 Sports Medicine 2

SKILLED AND TECHNICAL

0.5/1.0 Skilled and Technical Worksite Learning

Manufacturing Design - Apprenticeship Opportunities

☆ 0.5 Computer Aided Design Drafting Fundamentals
☆ 1.0 Advanced Computer Aided Design Drafting/CAM 1
☆ 1.0 Advanced Computer Aided Design Drafting/CAM 2

Manufacturing Production - Apprenticeship Opportunities

☆ 0.5 Shop 1: Shop Technologies
☆ 1.0 Shop 2: Core Plus Manufacturing
☆ 1.0 Shop 3: Core Plus Aerospace
☆ 0.5 Welding Science

Arts, AV Technology-Visual Communications

☆ 0.5 Introduction to Digital Arts
☆ 0.5 Photography 1
☆ 0.5 Advanced Photography
0.5 Computer Graphics

National Security- JROTC

☆ 1.0 Leadership Education 1 (1st Year Cadet)
☆ 1.0 Leadership Education 1 (2nd Year Cadet)
☆ 1.0 Leadership Education 1 (3rd Year Cadet)
☆ 1.0 Leadership Education 1 (4th Year Cadet)
1.0 Advanced Leadership Education/JROTC/Drill (Zero Period)
0.5/1.0 Skilled and Technical Worksite Learning

More Pathway Options on Back of Page

CTE™

Learning that works for Washington

State Approved Local Pathways
Snohomish High School

AGRIBUSINESS	
☆	1.0 Introduction to Marketing
☆	1.0 Plant Biology
ATHLETIC TRAINING	
☆	1.0 Introduction to Marketing
☆	1.0 Sports Medicine 1
CORE PLUS MANUFACTURING	
☆	0.5 Shop 1: Shop Tech
☆	1.0 Shop 2: Core Plus Manufacturing
INTERIOR DESIGN- CADD	
☆	0.5 Shop 1: Shop Tech
☆	0.5 Introduction to Digital Arts
☆	0.5 Computer Aided Design Fundamentals
☆	0.5 Interior Design
VISUAL COMMUNICATIONS and PUBLICATIONS	
☆	0.5 Introduction to Digital Arts
☆	0.5 Photography 1
	1.0 Publications
VISUAL ARTS and PUBLICATIONS	
☆	0.5 Photography 1
☆	0.5 Advanced Photography
	1.0 Publications

Sno Isle TECH Skills Center Programs

Sno-Isle TECH is a public school in Everett, Washington offering technical training for high school students within Snohomish and Island Counties. Please see your Career Center Specialist or counselor for more information and the application process.

- Advanced Manufacturing (formerly Precision Machinery)
- Aerospace Manufacturing & Maintenance Technology
- Animation
- Auto Body & Collision Repair
- Automotive Technology
- Computer, Servers & Networking
- Construction Trades
- Cosmetology
- Criminal Justice
- Culinary Arts (Baking and Pastry)
- Culinary Arts (Service and Production)
- Dental Assisting
- Diesel Power Technology
- Electronics Engineering Technology
- Fashion & Merchandising
- Fire Service Technology
- Medical Assisting
- Nursing Assistant
- Pharmacy Tech
- Veterinary Assisting
- Video Game Design
- Welding / Metal Fabrication

Worksite Learning

Grades 11-12. Semester. 0.5 credit Career and Technical Education. May be repeated. 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. This activity is treated just like a classroom situation. Students must complete a minimum number of work hours and demonstrate competency progression consistent with a pre-developed learning plan in order 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.

AGRICULTURE, FOOD AND NATURAL RESOURCES

Floral Design **CTA104**

Grades 9-12. Semester long. 0.5 Career and Technical Education Credit/Art.

Explore the world of art through flowers, labs include corsage and boutonnieres, rose bouquets, bow making, bud vase arrangements, and holiday specific arrangements. Students will make floral arrangements, following the basic principles of design. Learn to identify 120 flowers and plants, as well industry techniques and trends. It will give students a hands-on opportunity to use their own creativity and artistic abilities while learning the principles and elements of design. Leadership opportunities will be available through FFA.

Full descriptions of the following courses are in the Science section of the course book:

- Animal Biology, SCI231/SCI232, page 39
- Advanced Animal Biology, SCI331/SCI332, page 39
- Plant Biology, SCI221/SCI222, page 39
- Advanced Plant Biology, SCI321/SCI322, page 39
- Agroecology and Sustainability, SCI335/336, Page 40

BUSINESS AND MARKETING

Business and Marketing courses are part of Career and Technical Education which is a planned program of learning experiences that begin with exploration of career options, supports core academic and life skills and enables achievement of high academic standards, leadership, preparation for industry-defined work and advanced and continuing education.

Publications (Yearbook) **CTA203/CTA204**

Grades 10-12. Year long. 1.0 Visual/Performing Art credit/Career and Technical Education credit/Senior English Elective credit (Not all universities will accept this course for English credit. Check with your counselor for more information). Suggested: Introduction to Digital Arts.

In this class students will be using Adobe software for desktop publishing purposes. Students will be expected to participate in all aspects of putting together a yearbook from taking photos, writing stories, captions and copy as well as designing layouts. Students should expect they will have weekly writing assignments. Students will spend at least one night a week at after school events, getting interviews, quotes, scores and highlights. During deadlines, students are expected to stay at school until the

work is complete. Students in this class are assessed by their writing and design skills as well as the ability to meet deadlines. This course is repeatable.

Personal Finance **CTB201**

CTE Dual
3

Grades 10-12. Semester long. 0.5 Career and Technical Education credit/3rd year Math credit. Prerequisite: Algebra 1 and concurrent or successful completion of Geometry required if taking for third year Math credit

You will leave this course as an educated consumer able to make sound financial decisions. You will learn about financial planning, budgeting, money management, paying for school after high school, renting an apartment, buying a home, identity theft, insurance, taxes, and the basics of investing. This class will prepare you to be successful with money. This CTE course may count as a semester of third year math if it follows your college and career plan. College credit may be obtained if the course is completed with a C or better and the necessary paperwork is completed. See page 20 for more information.

Law and Business Ethics **CTB107**

CHS Dual
5

Grades 9-12. Semester long. 0.5 Career and Technical Education credit/Social Studies elective credit/senior English credit.

This class is based on laws and legal issues encountered by everyone. Washington State law will be emphasized. Topics include the development of law, the state and federal court systems, civil and criminal court procedures and terminology, crimes and torts, student rights and contracts. There will be Internet research activities as well as a field trip to the Snohomish County Courthouse where students will observe actual trials taking place. There will be guest speakers from law enforcement, the public defender's office and the prosecutor's office. Students will prepare, argue and decide a mock trial. This CTE course may be taken as a senior and count as a semester of English, or Social Studies credit towards graduation requirements. Check with your counselor to ensure it meets your college entrance requirements. College in the High School may be offered, see instructor for details.

Introduction to Business Management **CTB102**

CHS Dual
5

Grades 9-12. Semester long. 0.5 Career and Technical Education credit.

This course is applicable if you are planning a career in business or simply want a clearer understanding of our economic 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. This class is a great prep class for FBLA Advanced Business Management. You will write a business plan for a business you might hope to open someday. FBLA membership is strongly encouraged! College in the High School may be offered, see instructor for details.

Advanced Business Management FBLA **CTB407/408**

CTE Dual
5

Grades 10-12. FBLA Management. Year long. 1.0 Career and Technical Education credit.
Prerequisite: Completed and approved application;

This course is applicable if you have an interest in business with a focus of operating a small business enterprise. This course will take you through the steps necessary to design and implement critical operations and promotions for the Panther Café Espresso business run by the FBLA. You will learn valuable management skills such as decision-making, effective communication, financing and operations. College credit may be obtained if the course is completed with a C or better, the student has passed Business Management or Introduction to Marketing and the necessary paperwork is completed. See page 20 for more information.

Business Math **CTB307/308**

CTE Dual
5
Math

Grades 10-12. Year long. 1.0 Math credit/Career and Technical Education credit. Prerequisite: Algebra 1 completed and completed or concurrent enrollment in Geometry required if taking for third year Math credit.

This course provides a hands-on approach to solving daily business math problems. Excel is used extensively in this course. First semester covers income, budgeting, banking, simple and compound interest, car costs, housing costs, banking, credit cards and debt, taxes, insurance and investing basics. Second semester covers personnel, production, purchasing, sales marketing, warehousing and distribution. Will satisfy 3rd year Math requirement. This CTE course may count as a third year of math if it follows your college and career plan. College credit may be obtained if the course is completed with a C or better and the necessary paperwork is completed. See page 20 for more information.

Introduction to Computer Science Principles **CTT111**

Grades 9-12. Semester. .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. For example, in one unit you will get to program a drone so that it can navigate through an obstacle course, all by itself. Sound fun? It is. 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 Principles **CTT605/606**

AP
Math

Grades 9-12. Year long. 1 CTE credit/3rd Year Science. Prerequisite: Algebra I strongly recommended

Computer Science Principles requires a full year commitment. It is an introductory computer science course that empowers students to create authentic manufactured article and engage with compute science as a medium for creativity, communication, problem solving, and fun. It introduces students to tools and programming languages that are accessible for beginners while offering more advanced students opportunities to create sophisticated projects. Students will have the opportunity to complete a cumulative portfolio and standardized exam to earn Advanced Placement credit.

AP Computer Science A **CTT601/CTT602**

AP
Math

Grades 11-12. Year long. 1.0 Career and Technical Education/3rd Year Math credit. Prerequisite: Algebra II strongly *recommended.*

This course requires a full year commitment. The course teaches students to code fluently using the Java programming language. Success in this year-long course will help prepare for the College Board's AP "*Computer Science A"* exam in May. Course content begins with fundamental programming concepts then focuses on object-oriented programming. Students will engage in a step-wise progression of programming instruction and challenges including common software development and engineering practices.

Advanced Projects in Java **CTT325/CTT326**

Grades: 11-12. Prerequisite: AP Computer Science A

This course allows students who have completed the AP Computer Science A course to continue expanding and deepening their knowledge and understanding of computer science through student-chosen projects. The primary component of the course will be the completion of one or more significant projects chosen and designed by small student groups. Lessons will also be given on certain advanced topics as well as software engineering and project management skills.

Introduction to Marketing/DECA **CTB103/CTB104**

CTE Dual
5

Grades 9-12. Year long. 1.0 Career and Technical Education 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. Units include 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. College credit may be obtained if the course is completed with a B or better and the necessary paperwork is completed. See page 20 for more information.

Advanced Marketing/DECA (not offered this year) **CTB303/304**

CTE Dual
5

Grades 10-12. Year long. 1.0 Career and Technical Education credit. Prerequisite: None for junior and seniors. Sophomores need Introduction to Marketing/DECA. Offered alternate years (odd registration years 2021, 2023…).

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. 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 completed. See page 20 for more information.

Sports and Entertainment Marketing/DECA **CTB203/CTB204**

CTE Dual
2

Grades 10-12. Year long. 1.0 Career and Technical Education credit. Prerequisite: None for juniors and seniors. Sophomores need Introduction to Marketing/DECA. Offered alternate registration years (even registration years 2022, 2024…).

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 completed. See page 20 for more information.

Entrepreneurship/DECA **CTB403/CTB404**

CTE Dual
10

Grade 10-12. Year long. 1.0 Career and Technical Education credit. Prerequisite: Intro to MKTG and/or teacher recommendation.

This course is designed for students who have an interest in developing the skills, attitude 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 and requires teacher's approval. College credit may be obtained if the course is completed with a B or better and the necessary paperwork is completed. See page 20 for more information.

SKILLED AND TECHNICAL

Design, Manufacturing & Core Plus

The Design and Manufacturing Pathway is intended for the student who are interested in exploring engineering or manufacturing related careers. In these courses, students will master CAD software programs while using precision modeling tools, 3D printers, Laser cutters, and CNC machines to produce actual parts. Our courses also go beyond the technical aspects; they foster teamwork, problem-solving, and critical thinking. Students will collaborate with peers, tackle real-world challenges, and witness the transformation of your ideas into reality. Students completing these courses will also have the opportunity to receive college or career technical credit.

All CADD and Manufacturing students are eligible to apply for AJAC Youth Apprenticeship Program. Visit www.ajactraining.org for program information.

Computer Aided Drafting & Design Fundamentals (CADD Fundamentals) **CTT101**

CTE Dual
4

Grades 9-12. Semester long. 0.5 3rd year Math credit / Career and Technical Education / Art credit.

This is an introductory course that provides career information and technical training to prepare students for the upper level CADD and machining courses. Students will study art concepts concerted with principle CADD procedures and techniques, as related to the disciplines of drafting and design. The major concepts and techniques of this course will include the following: sketching, rendering, lettering, measurement systems, elements of art, principles of design, dimensioning, geometric construction, various view and projection practices, technical drawing, detail 2D drawing and 3D modeling and practical methods of conceptual and visual communication. College credit may be obtained if the course is completed with a C or better and the necessary paperwork is completed. See page 20 for more information.

Advanced CADD/CAM I **CTT201/CTT202**

CTE Dual
4
Math

Grades 9-12. Year long. 1.0 3rd year Math credit / Art credit / Career and Technical Education credit. Prerequisite: CADD Fundamentals or teacher signature.. This CTE course may count as a third year of math if it follows your college and career plan~~.~~. 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 Aided Manufacturing (CAM) and Computer Numerical Controlled (CNC) design by building on their CADD skills. Students will learn the basics of CAM/CNC using 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 with CNC machines, 3D printers, laser engravers, and hand tools to develop a broader understanding of advance manufacturing processes and techniques. College credit may be obtained if the course is completed with a C or better and the necessary paperwork is completed. See page 20 for more information.

Advanced CADD/CAM II **CTT301/302**

CTE Dual
4
Math

Grades 11-12. Year long.1.0 Career and Technical Education credit / Art / 3rd year Math. Prerequisite: CADD/CAM1. This course is for the advanced student who has completed CADD/CAM One. 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. Course may be repeated for credit. College credit may be obtained if the course is completed with a C or better and the necessary paperwork is completed. See page 20 for more information.

Shop 1: Shop Tech **CTT105**

Grades 9-12. Semester long. 0.5 Career and Technical Education credit.

In this course, students will: Use advanced fabrication equipment and welding techniques to build and assemble metal components; Drill, bend, cut, punch, join, and manipulate many types of materials to create artistic sculptures; and work daily with the same equipment and techniques as industry leaders.

Shop 2: Core Plus Manufacturing **CTT213/CTT214**

CTE Dual
5 & 12

Grades 10-12. Year long. 1.0 Career and Technical Education credit/0.5 Science credit. Prerequisite: Shop 1.

A Boeing Pre-Employment Training Program

In this class, students will: Plan, fabricate, stage and assemble aerospace components from engineering blueprints and specifications; use advanced welding techniques and fabrication equipment to join, cut, bend, and manipulate steel, aluminum, and plastic components for industrial and artistic applications; design layout patterns, interpret blueprints, and adhere to engineering specifications. Students will prepare for college engineering programs, immediate manufacturing employment, advanced certifications, and further education. Students may receive a Core Plus Manufacturing Certificate. College credit may be obtained if the course is completed with a C or better and the necessary paperwork is completed. See page 20 for more information.

Shop 3: Core Plus Aerospace **CTT315/CTT316**

CTE Dual
5

Grades 11-12. Year long. 1.0 Career and Technical Education Credit. Course eligibility for ELA, Mathematics, and Science equivalencies pending. Prerequisite: ***Shop 2 – CTT213/214****. A Boeing Pre-Employment Training Program. Students have the opportunity to go into direct Employment to Boeing.*

This Course is the third of three courses to prepare students for careers in the field Aerospace Assembly and CNC Manufacturing. This course develops and builds on the skills students learned in Shop 2: Core Plus Advance Manufacturing and will complete the Core Plus certification. The equipment used over the duration of this course include the Computer Lab for CAD and CAM, welding lab, machine shop, and CNC mills. College credit may be obtained if the course is completed with a C or better and the necessary paperwork is completed. See page 20 for more information.

Welding Science **CTT217**

CTE Dual
5

Grades 10-12. Semester long. 0.5 Career and Technical Education credit/0.5 Science credit. Prerequisite: Shop Technologies.

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. College credit may be obtained if the course is completed with a C or better and the necessary paperwork is completed. See page 20 for more information.

SKILLED AND TECHNICAL

Arts, AV Tech-Visual Communication

Introduction to Digital Arts **CTA101**

CTE Dual	*one course in dig arts or photo for credit only
5*	

Grades 9-12. Semester long. 0.5 Visual/Performing Arts credit/Career and Technical Education credit.
This is an introductory course that 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 the career opportunities in this field. College credit may be obtained if the course is completed with a C or better and the necessary paperwork is completed. See page 20 for more information.

Photography 1 **CTA202**

CTE Dual	*one course in dig arts or photo for credit only
5*	

Grades 10-12. Semester long. 0.5 Career and Technical Education credit/Visual/Performing Arts credit.
Photography 1 is an intensive one semester 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 enter their work in local and national photography contests. College credit may be obtained if the course is completed with a C or better and the necessary paperwork is completed. See page 20 for more information.

Advanced Photography **CTA302**

CTE Dual	*one course in dig arts or photo for credit only
5*	

Grades 10-12. Semester long. 0.5 Career and Technical Education credit/Visual/Performing Arts credit.
Prerequisite: Photography 1.
Students will learn marketable skills such as portrait lighting and pet photography. As students progress, they will work more independently on 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 contests. Extra time working in the photography lab will be required outside of the normal school day. This course may be repeated for credit. College credit may be obtained if the course is completed with a C or better and the necessary paperwork is completed. See page 20 for more information.

Computer Graphics **CTA201**

CTE Dual	*one course in dig arts or photo for credit only
5*	

Grades 9-12. Semester long. 0.5 Career and Technical Education credit/Visual/Performing Arts credit.
Prerequisite: Introduction to Digital Arts.
Take your image modification and digital drawing skills to the next step. Students will pursue advanced features of Adobe Illustrator, Photoshop and InDesign. Classes normally include active participation in design contests, including TOLO ticket and invitation design, logo designs for clubs and creating items for the Snohomish Education Foundation. Student work is showcased during the annual "Night of the Arts" in the spring. This class will assist in building a portfolio of student design work.

Digital Video **CTA207**

CTE Dual	*one course in dig arts or photo for credit only
5*	

Grades 9-12. Semester long. 0.5 Career and Technical Education credit/Visual/Performing Arts credit.
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 work as well as researching careers in the exciting digital videography field.

SKILLED AND TECHNICAL

JROTC LEADERSHIP EDUCATION

Snohomish High School provides a course of instruction known as Leadership Education. Both programs — the Marine Corps Junior ROTC and the Associated Student Body (ASB) classes— 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. All levels of JROTC Leadership courses may satisfy the Physical Education or Career and Technical Education credit requirement. There is no military obligation to participate in JROTC, however students on a military graduation pathway are strongly encouraged to enroll.

Leadership Education 1 (1st Year Cadet) LDR105/LDR106

Grades 9-12. Year long. 1.0 Physical Education credit/Career and Technical Education credit.

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 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.

Leadership Education 1 (2nd Year Cadet) LDR205/LDR206

Open to Grade(s): 10, 11, 12 Length: 1 year. Prerequisite Leadership Education 1

Credit(s): 1.0 Physical Educational credit or 1.0 CTE credit

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 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.

LEADERSHIP EDUCATION 1 (3rd Year cadet) LDR405/406

Open to Grade(s): 11, 12

Length: 1 year Prerequisite: Leadership Education 2

Credit(s): 1.0 Physical Educational credit or 1.0 CTE credit

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 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.

LEADERSHIP EDUCATION 1 (4th Year cadet) **LDR505/506**

Open to Grade(s): 12

Length: 1 year. Prerequisite Leadership Education 3

Credit(s): 1.0 Physical Educational credit or 1.0 CTE credit

This 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 **LDR305/LDR306**

Grades 9-12. Year long. 1.0 Physical Education credit. .5 Art credit.

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.**

FAMILY AND CONSUMER SCIENCE

Family and Consumer Sciences courses offer an opportunity to develop skills which will enhance life. The variety of classes offered will assist individuals in managing resources, maintaining health and relationships and assuming a responsible leadership role in the home and community. Like other career and technical education classes, students focus on learning skills that will help with job placement and/or further education related to the field.

HOSPITALITY – CULINARY ARTS

Culinary Essentials I **CTF101**

Grades 9-12. Semester long. 0.5 Career and Technical Education credit.

This course is based in learning the fundamentals to scratch cooking. We will combine real world cooking with science to create mouth water cuisine in our industrial based kitchen. Students will explore the world of culinary by learning safety and sanitation, knife skills, vegetable-based dishes, the science of baking breads, how to cook a perfect egg, scratch pasta, basic decorating skills, holiday meal preparation and much more.

Culinary Essentials II (not offered this year) **CTF301**

CTE Dual
2

Grades 9-12. Semester long. 0.5 Career and Technical Education credit. Offered every other year. Prerequisite: Culinary Essentials I

This course is an extension of Culinary Essentials I. We will be taking the fundamentals learned in Culinary Essentials I and learning how to produce food products on a mass scale for restaurant and catering services. Students will also have the opportunity to dive deeper into baking, pastries, food demonstrations, taste test comparisons, culinary school tours and career exploration. Students who take this class will leave with the knowledge needed to obtain an entry level job in the food service field. Students will also earn a food handler permit through the completion of this course. College credit may be obtained the course is completed with a B or better and the necessary paperwork is completed. See page 20 for more information.

Food for the Active Body **CTF103**

Grades 10-12. Semester long. 0.5 CTE/Science credit. Offered every other year.

This course answers questions about how to fuel your body, before, after or during physical activity as well as the fundamentals of learning the culinary fundamentals to a healthier lifestyle. Through this course you will learn the ins and outs of whole food nutrition that is quick, affordable and easy to prepare for an active lifestyle. Students will have an opportunity to focus their studies on a specific physical activity of their choice and design a meal plan that fits their body's needs. In this course, students will be actively cooking in the kitchen several times a week. Students will demonstrate that they understand the chemistry behind cooking and nutrition.

HUMAN SERVICES

Child Development **CTF203**

Grades 9-12. Semester long. 0.5 Career and Technical Education credit.

This course provides students with an in-depth study of how children develop from conception to age six. Students will have an opportunity to learn real life skills through a baby simulation project and monthly visits to the local elementary school. The course primary emphasizes the physical, social, emotional, and cognitive development of children. Students who are interested in exploring a career related to children are strongly encouraged to take this course.

DESIGN

Interior Design **CTF205**

CTE Dual
5

Grades 9-12. Semester long. 0.5 Career and Technical Education credit/Art credit

Students will dive into Interior Design by studying the 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.

HEALTH SCIENCES

Sports Medicine 1 **CTS201/CTS202**

CTE Dual
5

Grades 10-12. Year long. 0.5 Career and Technical Education and 0.5 Physical Education credit.

The 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. In addition to classroom time, students can work with the Athletic Department as a student aide or participate in an approved internship with a professional in the medical field. College credit may be obtained if the course is completed with a B or better and the necessary paperwork is completed. See page 20 for more information.

Sports Medicine 2 **CTS301/CTS302**

CTE Dual
5

Grades 11-12. Year long. 0.5 Career and Technical Education and 0.5 Physical Education credit.

The Sports Medicine 2 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, nutrition, strength and conditioning, sudden illness, medical terminology and injury prevention, identification, evaluation, treatment, and rehabilitation. In addition to classroom time, students can work with the Athletic Department as a student aide or participate in an approved internship with

a professional in the medical field. College credit may be obtained if the course is completed with a B or better and the necessary paperwork is completed. See page 20 for more information.

Full description of the following course is in the Business and Marketing section:

- Introduction to Marketing, CTB103/104 page 50

SNO-ISLE TECH 2022-2023

A TECHNICAL SKILLS CENTER

Sno-Isle Tech information and course descriptions are provided by Sno-Isle Tech

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.

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. All Sno-Isle programs meet CTE Pathway requirements for graduation.

Students interested in attending Sno-Isle should have a good attendance record at their sending high school and should give careful consideration to their level of interest in making a commitment to a particular program. This is especially important because the programs are at least a 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 fall of each year for entrance into the following year classes. Applications are available in the fall (generally October) 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 in February or March, and students are notified of their selection later in the spring.

For SHS students, Sno-Isle courses are from 7:55 to 10:25 each morning, and the students then return to their regular high school to attend afternoon classes. Students are required to ride District-provided transportation to Sno-Isle.

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, student 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.

Aerospace Manufacturing Technology **XAM301/XAM302**

Grade 11-12. 1 year.

Career Pathway: Technical

The program provides basic training in aircraft assembly and maintenance. A combination of textbook assignments, lectures, shop activities and teamwork incorporate the goal of preparing students for entry level training programs in local aerospace manufacturing companies and community/technical colleges. We focus on safety, tool identification and proper use, and technical skills – drilling, deburring, riveting and fastener installation on aluminum sheet metal and making composites. Students will apply knowledge of mechanics, mathematics, metal properties, layout, and machining procedures, as well.

Keys to success: The ability to read technical texts and service manuals. Basic math skills including decimals, fractions, percentages, and formulas. Work independently to complete projects. Solve problems, and complete project tasks.

Helpful SHS courses to be successful in program: Algebra I, Shop, Physics, Algebra II, Geometry

Animation 3D **XAN301/XAN302**

Grade: 11-12. 1 year.

Career Pathways: Business Operations, Business Contacts, Social Services

Animation at Sno-Isle TECH is a college preparatory class. Students work closely with game developers for the gaming industry so there is a strong emphasis on teamwork. Computer animation and computer graphics (CG) have strong foundations in traditional 2D (two dimensional) art; therefore, along with 3D computer skills, students will be drawing with pencil, charcoal, pen & ink, along with painting and sculpting by hand. Students study the principles of animation, human anatomy, story development and portfolio development. Students can earn Fine Arts and Geometry equivalency credit.

Keys to success: Students should be comfortable with group work but also work well individually. Successful completion of drawing or fine arts classes are a plus!

Helpful SHS courses to be successful in program: Art, CADD/Introduction to Digital Arts, Algebra 1, Publications, Geometry

Auto Body/Collision Repair **XAU301/XAU302**

Grade 11-12. 1 year.

Career Pathways: Technical

This program provides training in auto body work using a combination of textbook assignments, lectures, lab demonstrations, and one-on-one assistance. Auto Body/Collision Repair focuses on safety, tool identification and proper use, vehicle construction, minor body repair, sanding, painting components and techniques, estimating damaged vehicles, welding and other technical skills. The program includes use of I-CAR professional training materials to meet National Automotive Technical Education Foundation (NATEF) requirements.

Keys to Success: Strong work ethic, understand and follow written and verbal instructions, critical thinking, self-guidance and team collaboration.

Helpful SHS courses to be successful in program: Shop, Art-Drawing and Painting

Automotive Technology **XAT301/XAT302**

Grade 11-12. 1 year.

Career Pathways: Technical

Students will focus on general shop safety, tool identification and proper use, and technical skills of automotive systems and repair. Student will have the opportunity to practice and learn how to use drive-on vehicle lifts, 2-post vehicle lifts, floor jacks, safety stands, brake lathes, scan tools, digital meters, torque wrenches, pneumatic tools, tire machines/balancers, alignments machines, and more.

Keys to Success: Be responsible for your learning; have high school level math, reading and writing skills. Communicate, think, act professionally, and solve problems.

Helpful SHS courses to be successful in program: Algebra I, Sophomore English, Shop

Computers, Servers and Networking **XCS301/XCS302**

Grade 11-12. 1 year.

Career Pathways: Science, Business Operations, Technical

Students will focus on technical skills of troubleshooting computers and networks, learn, and develop for the Internet of Things, Codex for python programming language, and cloud computing. Students will be working in an up-to-date lab setting, learning with a hands-on, problem-based approach.

Keys to Success: Ability to read and follow written directions, interest in IT, problem solving skills, strong work ethic, ability to work well in teams.

Helpful SHS courses to be successful in program: Computer class, Business

Construction Trades **XCT301/XCT302**

Grade 11-12. 1 year.

Career Pathways: Business Contact, Technical

Students will have daily classroom and hands-on shop time to focus on safety, communication & teamwork, measurements & construction math, quality assurance, materials & fasteners, hand tools & power tools, and construction drawings & methods. This will prepare students for apprenticeship or college. Students will also focus on professionalism and employability including customer service, verbal communication, and technical writing. This program is coordinated and sponsored in partnership with the NCCER (National Center for Construction Education and Research) and CITC of Washington (Construction Industry Training

Council). With successful completion of this program, students will receive a National Certificate of Completion of Core Curriculum.
Keys to Success: Ability to follow verbal and written direction; problem solving skills, ability to work in groups, strong work ethic.
Helpful SHS courses to be successful in program: Woodshop, Core Plus Manufacturing, CADD, Intro to Engineering

Cosmetology **XCM301/XCM302** **(Sno-Isle Tech Campus)**
Grade 11-12. 1 year.
Career Pathways: Business Contact, Social Service
This is an introductory course offered on the Sno-Isle TECH campus for 11th or 12th grade students. Students will practice basic Cosmetology services such as shampooing/draping, hair analysis/treatment, hair cutting, natural nail care, basic skin care, temporary hair removal, wet styling, thermal styling, permanent waving, chemical relaxing, hair coloring/lightening, safety measures and decontamination control in a closely supervised lecture/lab class. Students practice on models, mannequins, and each other. The curriculum framework is provided by the Everett Community College Cosmetology program, where students completing this program may have the opportunity to continue their training.
Keys to Success: Enjoy working with people, good communication skills, highly motivated, focused, have good eye and hand coordination, good attendance, creativity and flexibility.
Helpful SHS courses to be successful in program: Health Education, Biology, Algebra, Human Anatomy and Physiology, Geometry

EvCC Cosmetology
(Everett Community College Campus) **XCO301/XCO302** **(EvCC Campus)**
Grade 11-12. 1 year.
Career Pathways: Business Contact, Social Service
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.

Criminal Justice **XCJ301/XCJ302**
Grade 11-12. 1 year.
Career Pathways: Business Contact, Social Service
Students will focus on crime, criminal justice, victimization, law, police in society, police roles and issues, the court systems, trial procedures, and punishment and corrections. These skills are demonstrated in a mock criminal trial. Student will also learn hand cuffing skills, de-escalation tactics, crime scene investigation, marksmanship, self-defense, finger printing, some forensic investigation and more!
Keys to Success: Competency in English (writing and comprehension); willing attitude to master material and demonstrate physical skills; common sense and sound reasoning.
Helpful SHS courses to be successful in program: PE, Civics

Culinary Arts-Production & Service **XCU301/XCU302**
Grade 11-12. 1 year.
Career Pathways: Business Contact, Technical
Students will focus on learning: tools, safety, contemporary culinary techniques, what makes food great, what makes food outstanding, how to manage a business, marketing strategies, what is professional service and professionalism.
Keys to Success: Good math skills, strong work ethic, good communication, ability to multi-task under pressure, dependable team player.
Helpful SHS courses to be successful in program: Culinary Essentials, Health, Algebra I

Commercial Baking & Pastry **XCU303/XCU304**
Grade 11-12. 1 year.
Career Pathways: Business Contact, Technical
Students will focus on learning baking tools, safety, contemporary baking and pastries techniques, how to bake, how to create great looking and tasting pastries, marketing strategies, what is professional service and professionalism. Students practice project management by planning and executing their own desserts made for the public.

Keys to Success: Good math skills, strong work ethic, good communication, ability to multi-task under pressure, dependable team player.
Helpful SHS courses to be successful in program: Algebra I, Culinary Essentials, Art

Culinary Arts-Management & Operations **CODE NEEDED**
Grade 11-12. 1 year.
Career Pathways: Business Contact, Technical
Prerequisites: Successful completion of Cooking/Baking class or Business Class (school store) with teacher recommendation; or have taken a Culinary Arts Baking or Pastry or Culinary Arts Production course at Sno-Isle Tech
Students will focus on learning customer service skills, inventory management, organization strategies, marketing techniques and logistics of restaurant management. They will explore a deeper understanding of safety and sanitation in food service. Students will gain professional experience in the food service industry.
Keys to Success: Good math skills, strong work ethic, good communication, ability to multi-task under pressure, dependable team player.
Helpful SHS courses to be successful in program: Algebra I, Culinary Essentials, Art

Dental Assisting **XDA301/XDA302**
Grade 11-12. 1 year.
Career Pathways: Science, Social Service, Health Services
Prerequisite: Successful completion of Biology and Health.
Students will perform clinical duties such as equipment preparation and sterilization, preparing patients for treatment, assisting the dentist during treatment, and providing patients with instructions for oral healthcare procedures. Students will also perform administrative duties such as scheduling appointments, maintaining medical records, and light billing.
Keys to Success: Teamwork, respect, accountability, attendance, organization. A grade of 80% or better is required by end of 1st semester to remain in program for 2nd semester.
Helpful SHS courses to be successful in program: Human Anatomy and Physiology, Intro to Business Management, Chemistry, Microsoft Office Specialist, Sports Medicine

Diesel Power Technology **XDM301/XDM302**
Grade 11-12. 1 year.
Career Pathways: Technical
Students will focus on safety, tool identification and proper use, and technical skills with diesel powered trucks, equipment, boats, and generators. We also focus on environmental regulations and increasing fuel economy to keep up with current industry standards. We examine technology advances within 7 subject areas, all in a real-life shop environment.
Keys to Success: Strong work ethic, ability to understand and follow written and verbal instructions; basic math including fractions and decimals, critical thinking, self-guidance and team collaboration. Organizational skills are also essential.
Helpful SHS courses to be successful in program: Shop, Math, Physics

Early Childhood Education **Need code**
Grade 11-12. 1 year
Students will develop and practice skills essential for teaching early childhood education. They will engage in daily job-shadowing experiences in a pre-k or kindergarten classroom. Students will work on social and emotional development, personalized learning plans, behavior supports, how to play to learn, nutrition, and whole child health. Curriculum includes students understanding the learner, child developments, planning instruction, implementing behavior and academic support, best practices in teaching and assessment strategies, and preparation for the Washington State Paraeducator Certification.
Keys to Success: passion for working with younger children, ability to be calm and understanding under stressful conditions, ability to communicate effectively with children and adults, ability to us appropriate language at all times, and able to work in loud, busy, and sometimes chaotic environments.
Helpful SHS courses to be successful in program: Health, Business and Marketing

Electronics Engineering Technology **XRE301/XRE302**

Prerequisite: Algebra 1

Grade 11-12. 1 year.

Career Pathways: Technical, Science. Students will focus on safety, tool identification and proper use, and technical skills of understanding electronic systems, troubleshooting components, circuit design, and programming. Students will also explore sound wave technology as well as fiber broadband installation and maintenance. Successful students earn college credits in Engineering Technology. This is a math intensive program. Students can earn a Math equivalency credit.

Keys to Success: Enjoy working with your hands & problem solving; self-starter.

Helpful SHS courses to be successful in program: Physics, Computer Programming, Shop Tech

Fashion and Merchandising **XFM301/XFM302**

Grade 11-12. 1 year.

Career Pathways: Business Contact, Arts

Students will focus on retail, wholesale, manufacturing, textiles, and design. Students will also work on designing a line of clothing, visual communication, social media & marketing, E commerce, and project management/event planning.

Keys to Success: Interest in the fashion business; strong work ethic, team player, ability to multi-task, retail math skills.

Helpful SHS courses to be successful in program: DECA, Business Management, Visual Communications, Publications, Business Math, Algebra I, Art, Acting

Fire Service Technology **XFT301/XFT302**

Grade 11-12. 1 year.

Career Pathways: Social Service, Technical

Students will focus on safety, equipment identification and proper use, technical skills of structural or wildland firefighting, leadership, teamwork, and patient assessment.

Keys to Success: Good communication skills, positive attitude, and desire to work hard. **Helpful SHS courses to be successful in program: PE, Health, Sports Medicine, Biology**

Medical Assistant **XMS301/XMS302**

Pre-Requisite(s): Biology, Health

Grade 11-12. 1 year.

Career Pathways: Business Contact, Business Operations, Science, Social Service

Students will focus on the skills to jump start their college and career in medical fields. Student will dive into the college level studies of anatomy/physiology, medical terminology, disease pathways & pathology, and medical laws & ethics. Students will also learn the necessary skills to take blood pressure, temperature, pulse, respiration, height/weight, vision screenings, surgical scrub, sterilization, and even office skills.

Keys to Success: At least high school reading level due to college level text. A grade of 80% or better is required by end of 1st semester to remain in program for 2nd semester. **Helpful SHS courses to be successful in program: Human Anatomy and Physiology, Sports Medicine, Chemistry**

Nursing Assistant **XHO301/XHO302**

Pre-Requisite(s): Biology, Health. Pass a criminal background check and drug-screen and have a current SSN.

Grade 11-12. 1 year.

Career Pathways: Social Service, Science

Keys to Success: Strong work habits, good attendance, an empathetic person who enjoys caring for others! A grade of 80% or better is required by end of 1st semester to be eligible for patient care.

Helpful SHS courses to be successful in program: Human Anatomy and Physiology, Chemistry, Sports Medicine

Pharmacy Technician **CODE Needed**

Grade 12. 1 year. PM Classes Only

Pre-Requisite(s): Algebra 1,

Career Pathways:

Students will focus on the skills needed to be employable as a pharmacy technician. This includes direct instruction, in class labs, practice assignments, and an apprenticeship. Students will learn workplace skills, pharmacy compliance, laws, confidentiality,

drug classifications, how to interpret and process prescriptions, and compute pharmacy calculations related to measurements, dilutions, dosages, and conversions.
Required: Self-transportation or ability to ride public transit for apprenticeship for 536 hrs
Required: Because of apprenticeship requirements, this program is for seniors who will turn 18 on or before August 31st the summer after class completion
Keys to Success: ability to read and understand medical technical text, strong study skills, organized, critical thinker, self-motivated
Helpful SHS courses to be successful in program: Prior medical/health science class at Sno-Isle, Anatomy and Physiology, Chemistry, Sports Medicine, Biology

Advanced Manufacturing **XMT301/XMT302**
Grade 11-12. 1 year.
Career Pathways: Technical, Science
Students will focus on safety, tool identification and proper use, and technical skills of making precision parts from raw materials. Students will do this by learning to use lathes, saws, grinders, drills, mills, and CNC (computer numerical control) machines. Students will also use precision measuring instruments such as layout tools, micrometers, and gauges. Students will also gain a practical understanding of geometry, physics, and mathematics.
Keys to Success: Positive attitude, ability to listen and follow instructions, self-starter and team collaboration, basic math skills.
Helpful SHS courses to be successful in program: Shop, Algebra I

Veterinary Assisting **XVA301/XVA302**
Pre-Requisite(s): Biology, Health
Grade 11-12. 1 year.
Career Pathways: Science, Social Science
Students will focus on safety, duties of a veterinary assistant, recognize a wide variety of breeds, animal nutrition, medical terminology, medical math calculations, husbandry, anatomy & physiology, animal restraint, details of animals as patients and their needs. Students will also learn about pharmacology, laboratory procedures, surgical nursing, medical records keeping and note taking.
Keys to Success: At least high school reading level due to college level text. A grade of 80% or better is required by end of 1st semester to remain in program for 2nd semester.
Helpful SHS courses to be successful in program: Human Anatomy and Physiology, Sports Medicine, Chemistry, Algebra I

Video Game Design **XGA301/XGA302**
Pre-Requisite(s): Algebra 1
Grades 11-12. 1 year.
Career Pathways: Business Operations, Business Contacts, Social Services
Prerequisite: Successful completion of Algebra 1. Students learn to design and create video games using trigonometry and higher math, computer programming in C#, and 2D computer animation. Students work toward industry certifications such as Unity Certified Developer. This is a math intensive program. Successful students can earn an English and an Algebra 2 or Geometry equivalency credit.
Keys to Success: Ability to work in teams, time management for projects, motivation. Computer classes suggested, but not necessary. **Helpful SHS courses to be successful in program: Algebra II, Algebra II w/ Trigonometry, Pre-calculus, Art**

Welding/Metal Fabrication **XWE301/XWE302**
Grades 11–12. 1 year.
Career Pathways: Technical, Arts
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 and safety are taught with a blend of lecture, assignments and hands-on competencies that maintain the student's interest and foster a deeper appreciation of the trade. Use hand-welding, flame-cutting, hand-soldering, or brazing equipment to weld or join metal components or to fill holes, indentations, or seams of fabricated metal products.
Keys to Success: Strong work ethic, positive attitude, understand and follow written and verbal instructions, basic math skills, motivated self-starter, work as a team member.
Helpful SHS courses to be successful in program: Algebra I, Shop, Geometry, Fabrication Lab

Dual Credit Opportunities
Sno-Isle students may have an opportunity to earn college credit at the same time they are earning high school credit. Students may earn up to 36 credits depending upon the program. Ask your counselor or Sno-Isle Instructor for details.

Courses by Department

SHS Courses by course name and page number

Sno-Isle courses listed at the end

Some District courses allow students to choose which subject area the course's credit may be applied. The options are listed in the right-hand column of this table. Read individual course description for pre-requisites, restrictions or additional information. While these equivalencies will meet District graduation requirements, they may not satisfy four-year college or university admissions requirements in all cases. Students should check with their high school counselor or admissions offices to make sure the course will be accepted for admissions purposes.

Course Name	Code	Page	Grade	Fee	Term	Pre-req	Two for One Equivalency	Dual Credit
ARTS	**These courses earn Fine Art credit**							
Visual Arts								
Art 1 – Introduction to Art	FAV101	24	9-12		Semester			
Art 2 – Drawing and Painting	FAV201	24	9-12	$20.00	Semester	Yes		
Advanced Art	FAV301 FAV302	24	10-12	$40.00	Year	Yes		
AP Studio Art	FAV601 FAV602	24	11-12	$60.00	Year	Yes		AP
Ceramics 1	FAV205	25	9-12		Semester			
Advanced Ceramics	FAV305	25	9-12	$35.00	Semester	Yes		
Crafts	FAV102	25	9-12	$20.00	Semester			
Performing Arts								
Acting	FAP101	26	9-12		Semester			
Acting Production/Performance	FAP201	26	9-12		Semester	Yes		
Intermediate Jazz Band	FAB405 FAB406	26	9-12		Year	Yes		
Advanced Jazz Band	FAB415 FAB416	26	9-12		Year	Yes		
Wind Symphony	FAB101 FAB102	26	9-12		Year			
Symphonic Band	FAB201 FAB202	26	9-12		Year	Yes		
Wind Ensemble	FAB401 FAB402	27	9-12		Year	Yes		
Percussion Ensemble	FAB301 FAB302	27	9-12		Year	Yes		
Symphonic Choir	FAC301 FAC302	27	9-12		Year			
ENGLISH	**These courses earn English credit**							

Course Name	Code	Page	Grade	Fee	Term	Pre-req	Two for One Equivalency	Dual Credit
Freshman English	ENG101 ENG102	27	9		Year			
Freshman Honors English	ENG191 ENG192	27	9		Year	Yes		
Sophomore English	ENG201 ENG202	28	10		Year			
Sophomore Honors English	ENG291 ENG292	28	10		Year	Yes		
Junior English	ENG301 ENG302	28	11		Year			
AP English Language and Composition	ENG601 ENG602	28	11		Year			AP CHS
AP English Literature and Composition	ENG605 ENG606	28	12		Year			AP CHS
Creative Writing 1	ENG401	28	9-12		Semester			
Creative Writing 2	ENG402	29	9-12		Semester	Yes		
Monsters in Literature	ENG415	29	11-12		Semester			
Mythology in Literature	ENG408	29	12		Semester			
Introduction to Journalism	ENG309	29	9-12		Semester			CHS
Advanced Journalism	ENG409	29	9-12		Semester	Yes		CHS
Modern Fiction	ENG407	29	12		Semester			
Science Fiction	ENG410	30	12		Semester			
Speech	ENG403	30	9-12		Semester			
LEADERSHIP EDUCATION	**These courses earn Elective credit**							
ASB Student Leadership								
Introduction to ASB Leadership	LDR101	30	9-11		Semester			
Advanced ASB Leadership	LDR301	31	10-12		Semester	Yes	.5 CTE	
MATHEMATICS	**These courses earn Math credit**							
Algebra 1	MAT111 MAT112	32	9-12	**Scientific calculator required (Graphing acceptable)**	Year			
Geometry	MAT211 MAT212	32	9-12	**Scientific calculator required (Graphing acceptable)**	Year	Yes		
Algebra 2	MAT301 MAT302	32	9-12	**Graphing calculator**	Year	Yes		
Algebra 2 w/Trig	MAT321 MAT322	33	9-12	**Graphing calculator**	Year	Yes		
Math in Society (College)	MAT351 MAT352	33	9-12	**Scientific calculator required (Graphing acceptable)**	Year	Yes		CHS
Pre-Calculus (College)	MAT401 MAT402	33	10-12	**Graphing calculator**	Year	Yes		CHS
AP Calculus AB (College)	MAT605 MAT606	33	11-12	**Graphing calculator**	Year	Yes		AP CHS

Course Name	Code	Page	Grade	Fee	Term	Pre-req	Two for One Equivalency	Dual Credit
AP Statistics (College)	MAT601 MAT602	33	11-12	Graphing calculator	Year	Yes		AP CHS
Physical Education and Health	**These courses earn PE credit**							
Racquet Sports	PEH104	34	9-12		Semester			
Team Sports	PEH105	34	9-12		Semester			
Walk Fit*both codes if year-long	PEH106 PEH306*	34	9-12		Semester			
Yoga Fitness *both codes if year-long	PEH107 PEH307*	34	9-12		Semester			
Functional Fitness *both codes if year-long	PEH108 PEH308*	35	9-12		Semester			
Strength Training *both codes if year-long	PEH109 PEH309*	35	9-12		Semester			
HEALTH EDUCATION	**This course earns Health credit**							
Health Education	PEH201	35	9		Semester			
SCIENCE	**These courses earn Science credit**							
Biology of the Living Earth	SCI211 SCI212	37	9		Year			
Earth Chemistry	SCI301 SCI302	37	10-12		Year			
Chemistry *See course desc.	SCI351 SCI352	37	9*-12		Year	Yes		CHS
Physics of the Universe	SCI401 SCI402	37	10-12		Year			CHS
Human Anatomy and Physiology	SCI315 SCI316	37	11-12	$25.00	Year			CHS
AP Biology	SCI601 SCI602	37	10-12	$25.00	Year	Yes		AP CHS
AP Chemistry *See course desc.	SCI605 SCI606	38	*10-12	$25.00	Year	Yes		AP CHS
AP Physics 1	SCI613 SCI614	38	11-12		Year	Yes		AP CHS
AP Environmental Science	SCI609 SCI610	38	11-12	$25.00	Year			AP
Astronomy	SCI404	38	11-12		Semester			CHS
Forensic Science	SCI405	39	11-12	$10.00	Semester			
Animal Biology	SCI231 SCI232	39	9-12		Year		1.0 CTE/Biology	
Plant Biology	SCI221 SCI222	39	9-12		Year		1.0 CTE/Biology	CTE DUAL
Advanced Animal Biology	SCI331 SCI332	39	10-12		Year	Yes	1.0 CTE/Science	
Advanced Plant Biology	SCI321 SCI322	39	10-12		Year	Yes	1.0 CTE/Science	

Course Name	Code	Page	Grade	Fee	Term	Pre-req	Two for One Equivalency	Dual Credit
Agroecology and Sustainability	SCI335 SCI336	40	10-12		Year			
SOCIAL STUDIES	**These courses earn Social Studies credit**							
Modern World History	SOC201 SOC202	41	10		Year			
AP World History	SOC601 SOC602	41	10		Year			AP CHS
United States History 1 & 2	SOC301 SOC302	41	11		Year			
AP U.S. History	SOC605 SOC606	41	11		Year	Yes		AP CHS
Psychology of the Self	SOC211	41	9-12		Semester			
Civics and Current Issues	SOC401	42	12		Semester			
Civics and Economics	SOC402	42	12		Semester			
Civics and Environmental Issues	SOC403	42	12		Semester			
Civics and Law	SOC404	42	12		Semester			
Civics and Comparative Cultural Studies	SOC405	42	12		Semester			
AP US Government and Politics	SOC609 SOC610	42	12		Year			AP
WORLD LANGUAGES	**These courses earn World Language credit**							
Chinese 1	WLC101 WLC102	43	9-12		Year			
Chinese 2	WLC201 WLC202	43	9-12		Year	Yes		CHS
Chinese 3	WLC301 WLC302	43	9-12		Year	Yes		CHS
Chinese 4	WLC401 WLC402	43	9-12		Year	Yes		CHS
German 1	WLG101 WLG102	43	9-12		Year			
German 2	WLG201 WLG202	43	9-12		Year	Yes		CHS
German 3	WLG301 WLG302	44	9-12		Year	Yes		CHS
German 4	WLG401 WLG402	44	9-12		Year	Yes		CHS
Spanish 1	WLS101 WLS102	44	9-12		Year			
Spanish 2	WLS201 WLS202	44	9-12		Year	Yes		CHS
Spanish 3	WLS301 WLS302	44	9-12		Year	Yes		CHS
Spanish 4	WLS401 WLS402	44	9-12		Year	Yes		CHS

Course Name	Code	Page	Grade	Fee	Term	Pre-req	Two for One Equivalency	Dual Credit
CAREER AND TECHNICAL EDUCATION	**These courses earn CTE/Occupational credit.**							
WORKSITE LEARNING	**See page 48 and your counselor to sign up.**							
AGRICULTURE, FOOD AND NATURAL RESOURCES	**For additional courses see pages 36-39 in the Science Section.**							
Floral Design	CTA104	48	9-12		Semester		0.5 Arts/CTE	
BUSINESS AND MARKETING	**These courses earn CTE/Occupational credit.**							
Publications (Yearbook)	CTA203 CTA204	48	10-12		Year		1.0 Arts/CTE/Sr English	
Personal Finance	CTB201	49	10-12		Semester		.5 CTE/3rd year Math	CTE DUAL
Law and Business Ethics	CTB107	49	9-12		Semester		.5 CTE/Social Studies/Sr English	CHS
Introduction to Business Management	CTB102	49	9-12		Semester			CHS
Advanced Business Management FBLA	CTB407 CTB408	49	10-12		Year	Yes		CTE DUAL
Business Math	CTB307 CTB308	49	10-12		Year	Yes	1.0 CTE/3rd year Math	CTE DUAL
Intro to Computer Science	CTT111	50	9-12		Semester			
AP Computer Science Principles	CTT605 CTT606	50	9-12		Year		1.0 CTE/1.0 3rd year Science	AP
AP Computer Science A	CTT601 CTT602	50	11-12		Year	Yes	1.0 CTE/3rd year Math	AP
Advanced Projects in Java	CTT325 CTT326	50	11-12		Year	Yes		
Introduction to Marketing/DECA	CTB103 CTB104	50	9-12		Year			CTE DUAL
Advanced Marketing/DECA	CTB303 CTB304	50	10-12		Year	Yes, for sophomore		CTE DUAL
Sports and Entertainment Marketing/DECA	CTB203 CTB204	50	10-12		Year	Yes, for sophomore		CTE DUAL
Entrepreneurship/DECA	CTB403 CTB404	51	12		Year	Yes		CTE DUAL
SKILLED AND TECHNICAL Manufact., Design, & Core Plus	**These courses earn CTE/Occupational credit.**							
Computer-Aided Drafting & Design Fundamentals	CTT101	51	9-12		Semester		.5 CTE/3rd year Math/Art	CTE DUAL
Advanced CADD/CAM I	CTT201 CTT202	51	9*-12 See desc.		Year	Yes	1.0 CTE/3rd year Math/Art	CTE DUAL
Advanced CADD/CAM II	CTT301 CTT302	52	11-12		Year	Yes	1.0 CTE/3rd year Math/Art	CTE DUAL
Shop 1: Shop Tech	CTT105	52	9-12		Semester			

Course Name	Code	Page	Grade	Fee	Term	Pre-req	Two for One Equivalency	Dual Credit
Shop 2: Core Plus Manufacturing	CTT213 CTT214	52	10-12		Year	Yes	1.0 CTE/.5 Science/3rd year Science	CTE DUAL
Shop 3: Core Plus Aerospace	CTT315 CTT316	52	11-12		Year	Yes	PENDING	CTE
Welding Science	CTT217	52	10-12		0.5	Yes	1.0 CTE/.5 Science/3rd year Science	CTE DUAL
SKILLED AND TECHNICAL Arts, AVTech-Visual Comm	**These courses earn CTE/Occupational credit.**							
Introduction to Digital Arts	CTA101	53	9-12		Semester		.5 CTE/Arts	CTE DUAL
Photography 1	CTA202	53	10-12		Semester		.5 CTE/Arts	CTE DUAL
Advanced Photography	CTA302 CTA303	53	10-12		Semester	Yes	.5 CTE/Arts	CTE DUAL
Computer Graphics	CTA201	53	9-12		Semester	Yes	0.5 Arts/CTE	
Digital Video	CTA207	53	9-12		Semester		.5 CTE/Arts	CTE DUAL
SKILLED AND TECHNICAL JROTC Leadership	**These courses earn CTE/Physical Education credit.**							
Leadership Education/JROTC	LDR105 LDR106	54	9-12		Year		1.0 CTE/1.0 PE	
Leadership Education 2nd Yr Cadet/JROTC	LDR205 LDR206	54	10-12		Year	Yes	1.0 PE or 1.0 CTE	
Leadership Education 3rd Year Cadet/JROTC	LDR405 LDR406	54	11-12		Year	Yes	1.0 PE or 1.0 CTE	
Leadership Education 4th Year Cadet/JROTC	LDR505 LDR506	55	12		Year	Yes	1.0 PE or 1.0 CTE	
Advanced Leadership Education/JROTC/Drill	LDR305 LDR306	55	9-12		Year		1.0 PE or 1.0 CTE	
FAMILY AND CONSUMER SCIENCE	**These courses earn CTE/Occupational credit.**							
Hospitality-Culinary Arts								
Culinary Essentials I	CTF101	53	9-12		Semester			
Culinary Essentials II	CTF301	53	9-12		Semester	Yes		CTE DUAL
Food for the Active Body	CTF103	53	10-12		Semester	Yes	.5 CTE / .5 3rd year Science	
Interior Design								
Interior Design	CTF205	56	9-12		Semester		.5 CTE/Arts	CTE DUAL
Human Development								
Child Development	CTF203	56	9-12		Semester			

Course Name	Code	Page	Grade	Fee	Term	Pre-req	Two for One Equivalency	Dual Credit
HEALTH SCIENCES	**These courses earn CTE/Occupational credit.**							
Sports Medicine 1	CTS201 CTS202	55	10-12		Year		.5 CTE and .5 PE	CTE DUAL
Sports Medicine 2	CTS301 CTS302	55	11-12		Year	Yes	.5 CTE and .5 PE	CTE DUAL

SNO-ISLE TECH	Students must successfully complete the entire year of the program for equivalency credit to apply. All Sno-Isle programs are eligible for 3.0 credits in CTE or Elective, or a combination with the specified equivalency credits listed below (upon completion of 540 hours of the Skills Center program). Equivalencies subject to change based on Sno-Isle & SSD decision. ***Application for program and equivalency required. *State Approved Framework***						
Course Name	**Code**	**Page**	**Grade**	**Fee**	**Term**	**Pre-Req**	**Equivalency**
Aerospace Manufacturing Technology	XAM301 XAM302	58	11-12	Y	1 year		1.0 English* or 1.0 Science* or 1.0 Math
Animation 3D	XAN301 XAN302	59	11-12		1 year		1.0 Art or 1.0 Geometry
Auto Body/Collision Repair	XAU301 XAU302	59	11-12	Y	1 year		1.0 Art
Automotive Technology	XAT301 XAT302	59	11-12	Y	1 year		1.0 English or 1.0 Science
Computers, Servers and Networking	XCS301 XCS302	59	11-12	Y	1 year		1.0 English
Construction Trades	XCT301 XCT302	59	11-12		1 year		1.0 English or 1.0 Science* or 1.0 Math
Cosmetology 1 (**Sno-Isle Tech Campus**)	XCM301 XCM302	60	11-12	Y	1 year		
EvCC Cosmetology (**EvCC Campus**)	XCO301 XCO302	60	12	Y	1 year		
Criminal Justice	XCJ301 XJC302	60	11-12	Y	1 Year		1.0 PE
Culinary Arts-Production & Service	XCU301 XCU302	60	11-12	Y	1 year		1.0 Lab Science
Commercial Baking & Pastry	XCU303 XCU304	60	11-12	Y	1 year		1.0 Lab Science
Culinary Arts-Management & Operations		61	11-12	Y	1 Year		
Dental Assisting	XDA301 XDA302	61	11-12	Y	1 year		
Diesel Power Technology	XDM301 XDM302	61	11-12	Y	1 year		
Early Childhood Education		61	11-12		1 year		
Electronics Engineering Technology	XRE301 XRE302	62	11-12	Y	1 year	Yes	
Fashion Merchandising	XFM301 XFM302	62	11-12	Y	1 year		1.0 Art
Fire Service Technology	XFT301 XFT302	62	11-12		1 year		1.0 PE
Medical Assistant	XMS301 XMS302	62	11-12	Y	1 year	Yes	
Nursing Assistant	XHO301 XHO302	62	11-12	Y	1 year	Yes	1.0 Lab Science*
Pharmacy Technician		62	12		1 year		
Advanced Manufacturing	XMT301 XMT302	63	11-12	Y	1 year		
Veterinary Assisting	XVA301 XVA302	63	11-12	Y	1 year	Yes	1.0 Lab Science*

Video Game Design	XGA301 XGA302	63	11-12	Y	1 Year	Yes	1.0 Geometry* or 1.0 English
Welding/Metal Fabrication	XWE301 XWE302	63	11-12	Y	1 year		