

ANACORTES HIGH SCHOOL



2018-19 Course Description Catalog

Anacortes High School

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Anacortes School District

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Notice of Equal Opportunity and Non-Discrimination

The Anacortes School District does not discriminate on the basis of race, color, national origin, sex, disability, or age in its programs or activities and provides equal access to the Boy Scouts and other designated youth groups. The Anacortes School District offers classes in many career and technical education program areas under its open admissions policy. Specifically, the Anacortes School District offers admissions based on selective criteria in the Challenge Program, some competitive athletics, etc. through a separate application process that is non-discriminatory. For more information about the application process and particular course offerings, contact the school or district office at (360) 293-1200. English language proficiency is not an element of the admissions and participation requirements for career and technical education classes. This notification can be provided in the appropriate language for communities of national origin by contacting (360) 293-2166.

Anacortes School District complies with all federal and Washington State rules and regulations and does not discriminate in any programs or activities on the basis of sex, race, creed, religion, color, national origin, age, veteran or military status, sexual orientation, gender expression or identity, disability, or the use of a trained dog guide or service animal and provides equal access to the Boy Scouts and other designated youth groups. The following employees have been designated to handle questions and complaints of alleged discrimination (see below).

Anacortes School District is a drug, alcohol, and tobacco-free workplace. Anacortes School District is an Equal Opportunity Employer.

Inquiries regarding compliance and/or grievance procedures may be directed to:

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This course description catalog represents our best attempt to provide a defensible, broad curriculum for our students. We cannot guarantee that every course in this catalog will be offered in the coming year because we require sufficient enrollment numbers in order for the classes to be scheduled. These conditions should be understood when making class selections.

Washington State Learning Goals

Upon graduation from high school, students will have the knowledge and skills essential to:

- Read with comprehension, write with skill, and communicate effectively and responsibly in a variety of ways and settings.
- Know and apply the core concepts and principles of mathematics, the social, physical and life sciences, civics and history, geography, the arts, health and fitness.
- Think analytically, logically and creatively, and integrate experience and knowledge to form reasoned judgments and solve problems.
- Understand the importance of work and how performance, effort, and decisions directly affect future career and educational opportunities.

AHS Graduation Requirements

- Credit requirements in each subject area
- WA State assessment requirements
- High School and Beyond Plan
- Senior Culminating Presentation

Subject/Credit Requirements for Class of 2019 and Beyond		
Subject	Credits	Description
English	4.0	English must be taken in each school year.
Mathematics	3.0	Students must successfully complete Algebra I, Geometry and a third credit of math.
Science	3.0	Three credits of science are required for graduation, which must include at least two credits of lab science. <i>Note: All AHS courses listed in the Science section count as lab sciences</i>
Social Studies	3.0	World History (.5) or AP Human Geography (1.0) US History (1.0) or AP US History (1.0) Contemporary World Issues (.5) or Honors Contemporary Issues in Religions (1.0) Civics (.5) or AP Government (1.0) <i>Depending on courses selected, an additional .5 credit may be required in Contemporary American Culture (.5) or Contemporary Issues through Multi-Media (.5)</i>
Fine Arts	2.0*	Visual or Performing Arts courses meet this requirement. *One credit can be a Personalized Pathway course.
World Language OR Personalized Pathway Courses	2.0*	See World Languages section for course options OR Personalized Pathway Courses
Physical Education (Fitness)	1.5	See Physical Education section for course options.
Health	0.5	See the course description for Health in the Career/Technical section.
Career/Technical	1.0	This requirement may be met through a variety of CTE courses. Refer to the Career/Technical section beginning on page 30.
Electives	TBD	Electives may be selected from any category and should support a student's Personalized Pathway

* Personalized Pathway courses lead to a specific post high school career or educational outcome chosen by the student based on interests & high school & beyond plan (can include Career/Technical courses).

WA State Assessment Requirements

Assessment Requirements for Certificate of Academic Achievement (CAA)/High School Diploma		
Subject	Class of 2019 and 2020	Class of 2021 and Beyond
English Language Arts	10 th grade Smarter Balanced English Language Arts (ELA) Exam	
Math	10 th grade Smarter Balanced Math Exam	
Science	N/A	Washington Comprehensive Assessment of Science (WCAS) Exam

Alternative exams/scoring are available for special education students.

Note: State assessment requirements are currently undergoing major changes. Multiple exams are listed for grade levels due to the transition to different exams from one year to another. Passing only one exam in each subject area is required. This listing, while current for the 2018-19 year, may change.

Alternatives for meeting the assessment graduation requirements. Students must attempt an exam in the subject area at least once.

- Meet standards in subject areas as established by OSPI on ACT, SAT, and/or specified AP exams
- Meet standard through a grades comparison of English/math classes with grades for AHS students who passed a particular exam. Students must be in grade 12 and have a 3.2 or above cumulative GPA to be considered for the grades comparison.

High School and Beyond Plan Requirements

At Anacortes High School, it is our goal to make sure every student has the skills and preparation to be *College/Career Ready*. These important words will mean something different for each student, ranging from admission to a four-year college or training in the Armed Services. It might also mean specialized training through a two-year college, work-training program, or an apprenticeship.

Much like building a house, becoming *College/Career Ready* involves strategic planning, based upon an exceptional and individualized plan. Through a strong sense of ownership and active involvement in creating a comprehensive *4-Year Course Plan*, each student will begin to think about the future and how to get the most out of high school. If a good plan is formulated, students will have the preparation to pursue personal, academic, and career goals. It takes lots of time and intention to create a good plan, but the result is well worth the effort!

Senior Culminating Presentation Requirements

Who am I?
Where am I going?
How am I going to get there?

The *AHS Senior Culminating Presentation* is an opportunity to demonstrate social, academic, and professional growth. The *AHS Student Portfolio* is a documentation of this process, and will serve as the focal point for each student's presentation. This presentation is an AHS graduation requirement.

Using the Advisory Portfolio, students will create a presentation that effectively addresses the three guiding questions: *Who am I? Where am I going? How am I going to get there?*

While developing the Senior Culminating Presentation, students will also have the opportunity to participate in a job shadow, career-related project, or other senior experience. These supplemental activities should be used to directly enhance the presentation.

Student-Led Conferences

All students in grades 9-10 will conduct a "Student-Led Conference" each spring.

Demands on students are increasing and research has shown that when students have a clear understanding of what is expected of them, the resulting performance is at a higher standard. Student-led conferences allow students to explain how they are progressing toward graduation and what is needed in order to keep moving forward.

Student-Led Conferences are 15-minute presentations that students will lead in front of their parents and Advisory teacher. Students will discuss:

- Academic strengths and areas for improvement
- Preparation for the Washington State Assessment Requirements (English Language Arts, Math & Science)
- Assessments for post-high school plans (PSAT, SAT/ACT, AP, etc.)
- Interests and post-high school plans/possibilities
- Progress toward AHS graduation requirements
- Coursework for the next school year

While students' academic strengths and challenges will be discussed, this conference is not intended to focus on students' current grades, but rather, on their current overall academic performance.

During the Student-Led Conference, students will use their Portfolio as a guide. Students will build and organize their Portfolio during Advisory, which occurs once a week during the school year.

Washington State College Admission Requirements

Students who plan to attend a public four-year college or university in Washington State must meet the following requirements in addition to the standard AHS graduation requirements.

Subject	Credits	Notes
English	4.0	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, English as a Second Language, or Learning Support English. Passing the state mandated high school assessment in Reading is equivalent to earning the first 2 CADR credits of high school English.
Math	3.0	Mathematics – 3 credits: Algebra I, Geometry, and Algebra II (intermediate algebra), or Integrated Math I, II, and III. Passing the state mandated high school assessment in math is equivalent to earning the first 2 CADR credits of high school math (Algebra I & Geometry or Integrated Math I and II). 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	1.0	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, math analysis, or calculus).
Science	2.0	Science – 2 credits* of laboratory science are required for admission to public baccalaureate institutions beginning summer of 2010. 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. *To align with high school graduation requirements, a third credit of science will be required for students entering college summer or fall 2021. Note: Western Washington University specifies that one credit must be an algebra-based chemistry or physics course.
Social Studies	3.0	Social Science – 3 credits of history or other social science (e.g. anthropology, contemporary world problems, economics, geography, government, political science, psychology).
World Languages	2.0	World Languages – 2 credits must be earned in the same World Language, Native American language, or American Sign Language. Schools may award credit based on a district approved competency assessment consistent with the State Board of Education policy 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.
Fine Arts	1.0	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, printmaking, 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.

Source: Washington Student Achievement Council

Students should be aware that college admission requirements vary. Out-of-state colleges have admissions requirements that may differ from those in Washington State. Students are responsible for checking the admission requirements of the colleges they plan to attend. Admission requirements may be accessed through individual college websites.

- Please note: Many California state colleges do not accept Journalism as a senior English course. They also require that the 1.0 Fine Arts credit be in the *same* art medium (i.e., Ceramics I and Ceramics II). In addition, they do not accept Glass Design as a Fine Art.
- Most 4-year colleges require students to take the SAT or ACT test. A few colleges have implemented a test optional policy. Students are responsible for checking the requirements of the colleges they plan to attend.
- Many business and technology courses may prove to be helpful to college bound students. Most colleges and universities, and even many employers, seek students with skills or interests outside the realm of academic achievement.
- Most 4-year colleges have a holistic application review process. Students should participate in extracurricular activities such as student government, sports, performing arts, school-sponsored events, community service and work with diverse populations. These experiences will allow students to build leadership, cooperation, and time management skills outside the classroom. For a listing of activities currently available at AHS, see the Extracurricular section on page
- Please note: Technical and community colleges may require applicants to take English and math placement tests prior to enrollment. It is recommended that students continue in rigorous English and math courses at the high school level to ensure college-level placement.
 - Students scoring at the Career/College Ready level on the grade 10 or 11 Smarter Balance Assessments may have the placement exam(s) requirement waived. Students are responsible for checking the placement exam options of the colleges they plan to attend.

Opportunities for College Credit

Advanced Placement Program

The Advanced Placement (AP) Program is a cooperative agreement between secondary schools and colleges & universities. It exposes high school students to college-level material through involvement in AP courses, and provides students the opportunity to demonstrate mastery of the coursework by taking AP examinations. Colleges and universities may grant credit and/or placement to students that have taken tests and earned a successful score.

Students can benefit from taking AP courses by learning a subject in greater depth, developing critical thinking skills that will be important to successful study in college, and demonstrating to colleges their willingness to undertake a challenging course. Students are responsible for exam fees. Fee assistance is available to qualified students. **Note: Some AP courses may only be offered every other year at AHS.**

English	Science	History	Mathematics	Art/Music
AP Language & Composition AP Literature & Composition	AP Chemistry AP Computer Science A AP Environmental Science AP Physics C	AP U.S. Government AP U.S. History AP Human Geography	AP Calculus AB AP Computer Science A AP Statistics	AP Studio Art AP Music Theory

Running Start (11th - 12th Grade)

The Running Start Program allows eligible juniors and seniors to attend college classes tuition-free while completing high school. The courses offered are college courses at the 100 and 200 levels. When completed successfully, students will meet high school graduation requirements and earn college credit for most Washington State colleges. If students hope to use such college credit for advanced placement in universities outside of Washington State, they should check with specific institutions.

Students interested in the Running Start program are required to attend a mandatory meeting in the spring, prior to their intended enrollment. The student will then complete a Running Start application, take the *Accuplacer* assessment at Skagit Valley College and meet with their counselor to determine the courses they will register for the following quarter. A minimum of 2.25 GPA is required, as well as a strong work ethic and self-direction. Students who achieve below a 2.0 GPA at Skagit Valley College may be placed on academic probation or removed from the program

Extracurricular

ASB Activities

Students are encouraged to participate in a wide variety of extracurricular activities available at Anacortes High School. These activities can help students gain valuable skills and explore interests which will benefit them in the future. Students must purchase an ASB card (\$40), pay the club fee (if applicable) and have a signed Activities/Athletics Code on file. Clubs/Activities currently offered include:

Art Club	Gay-Straight Alliance (GSA)	Math Club
Band & Jazz Band	Green Club	Metals Club
Broadcast Club	National Honor Society	Robotics Club
Choir & Jazz Ensemble	Journalism Club	Speech & Debate
Culture Club	Key Club	Student Government (ASB; House & Senate)
Dance Club	Knowledge Bowl	Varsity in Volunteerism (ViV)
Drama Club	LINK Crew	Writing Club
Future Business Leaders of America (FBLA)	Family, Career & Community Leaders of America (FCCLA)	Yearbook
Fashion Club		

Athletic Programs

Students are encouraged to participate in athletic programs available at Anacortes High School. Eligibility is determined by the Washington Interscholastic Activities Association and the Anacortes High School Athletic Department.

<u>FALL</u>	<u>WINTER</u>	<u>SPRING</u>
Cheerleading	Cheerleading	Baseball
Cross Country (Boys & Girls)	Basketball (Boys & Girls)	Fast Pitch Softball
Football	Bowling (Girls)	Golf (Boys & Girls)
Soccer (Girls)	Swim & Dive (Boys)	Soccer (Boys)
Swim & Dive (Girls)	Wrestling (Boys & Girls)	Tennis (Girls)
Tennis (Boys)		Track & Field (Boys & Girls)
Volleyball		

NCAA/NAIA

Any student who plans to participate in college sports with an NCAA Division I, II or III or NAIA college must register with the appropriate Eligibility Center. This is a process the Athletic Director and School Counselor will help with. Since there are specific requirements and levels of eligibility, careful high school academic planning is very important. Please see the Athletic Director and School Counselor for more details and review the NCAA website: <http://www.ncaa.org/> or the NAIA website at <http://www.playnaia.org/>

The Registration Process

This Course Description Catalog is specifically designed to be used with the Four Year Course Plan, created by you and your school counselor.

All courses are listed in sequential order within each department. This means that the first course listed is usually the entry level course, often taken during the freshmen or sophomore year. Some courses may fulfill one or more requirement areas. For example, *Commercial Photography* may be taken as a Career Tech credit or Fine Art credit, and you may choose which type of credit the course will fulfill.

Students will be working closely with their counselor, teachers, and parents during the registration process. *Student ownership* is very important because these decisions will help with successful preparation for post-secondary opportunities. Please remember that course selection choices should be connected to academic, career, and personal interests. Students should spend ample time making these decisions and ask lots of questions. Staff members at AHS are very interested in helping students as much as possible and want to assist in making this process meaningful.

Students should read through the *Course Description Catalog* and check the courses that might be of personal interest. While doing so, students should refer to their individualized *Four Year Course Plan*.

Prior to finalizing decisions, students should refer to the *AHS Graduation Requirements* on page 5 and the *Washington State College Admission Requirements* on page 8.

Counselors will work closely with students in order to enhance this process. Remember, these decisions are about the future and should be done with great thought and ownership!

How to Register

Students will complete the registration process with the assistance of a School Counselor.

STEP 1: Review Four Year Course Plan.

STEP 2: Read the course descriptions in this catalog to determine prerequisites, grade level restrictions, and other special requirements.

STEP 3: Select courses that align with the student's Personalized Pathway, along with remaining graduation requirements. Some courses may be repeated for credit (noted in course description).

All students are expected to maintain a full time schedule of seven classes. Only Grade 12 students who are on track to graduate may be considered for a reduced schedule and must obtain approval of their counselor and parent. Seniors who are on track and *not* requesting any waivers may request a late arrival or early dismissal. Students should see their counselor to determine eligibility and pick up the required form. Note: Seniors must be full-time during their second semester in order to participate in the graduation ceremony.

Please note all course offerings are subject to change based upon enrollment and master scheduling.

AHS Credit/Class Standing

Grade 9	Grade 10	Grade 11	Grade 12
Less than 6.5 credits	6.5 credits to less than 13.0 credits	13.0 credits to less than 19.5 credits	19.5 to 26.0 credits.

Credit for High School Courses Taken at AMS

Students who take high school courses while enrolled at Anacortes Middle School must complete an application to have credits placed on their AHS transcript. Courses available for high school credit are Algebra I, Geometry, Advanced Science 8, and Spanish I. Contact the Counseling Office for more information.

Schedule Changes

Students are advised to make their original course and alternate course selections carefully. After priority schedule change requests have been completed, schedule change requests submitted for other valid reasons will be considered, on a space available basis.

To request a change, students need to complete a Schedule Change Request Form, which is available in the Counseling Office. Please do not email counselors with schedule change requests. Students will be notified if a new schedule has been approved, and should continue attending their original classes unless they are notified that a change was approved.

Requests to withdraw from a class must be made within 5 school days of the start of each semester. If a schedule change is made after the 5 day period, the student will receive an "F" for that class on their transcript.

Grading Scale

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

The lowest passing grade (D) is 60%. Student GPAs are calculated using unweighted course grades. For the purposes of class rank, the highest GPA is ranked #1; tied GPA's are ranked as consecutive clusters. For example, if five students were tied at the top rank (4.00), they would all be ranked #1. The student with the next highest GPA (3.99) would be ranked #6.

Course Repeats

A student may repeat a course to improve the grade earned. After completing the repeated course, the higher grade earned will be used to grant credit in the specific subject area and will be included in the calculation of the student's GPA. The lower grade will remain on the student's transcript, will be used to grant elective credit and will be included in the calculation of the student's GPA. (reference [WAC 392-415-055](#)).

- Students who want to exclude the lower grade from both earned credit and GPA calculation must request this option by submitting a Course Repeat Request form available from the Counseling Center. *Note: The course grades will remain on the student's transcript, but credits earned will be changed to 0.0 and the grade will not affect GPA calculation.*

Honor Roll

Students earning a 3.00 GPA or higher are placed on that semester's honor roll. Grades for Running Start, NCTA, and online courses are included in the GPA calculation. Students are recognized for their academic achievement each semester.

Valedictorian

Students with a 4.00 at the end of their 7th semester will be considered for class Valedictorian of that year's graduating class. Valedictorian status will be contingent upon satisfactory grades, satisfactory behavior, and satisfactory attendance during the 8th semester.

Course Descriptions

English

Program Area	Course Title	Grade	Credit
Core Course	9th Grade English	9	1.0
	or 9th Grade Honors English	9	1.0
Core Course	10th Grade English	10	1.0
	or 10th Grade Honors English	10	1.0
Core Course	11th Grade English	11	1.0
	or AP Language & Composition	11	1.0
Core Course	Bridge to College - 12 th Grade English	12	1.0
	or AP Literature & Composition	12	1.0
Support	English Language Learners*	9-12	0.5

*Counts for English credit if placed in the program by the teacher/counselor/administrator with that intent.

English Core Courses

9TH GRADE ENGLISH

Prerequisite: None

Credit for graduation: 1.0 English

Students are expected to fully engage in the writing process, learn the traits of good writing, and practice a variety of writing forms: however, the essay will be the main focus of student writing. Students will learn and practice their skills in syntax, grammar, vocabulary, and an introduction to the MLA research format. The expectation is for students to participate in all class as well as to perform independent reading. Students will practice critical reading strategies using a variety of texts both fiction and non-fiction. Language building is emphasized and the expectation is for students to develop fluency with words and text. Students will read a variety of texts including poetry, many forms of non-fiction writing, *Romeo and Juliet*, portions of *The Odyssey*, and the following novels: *Animal Farm*, *Ender's Game*, *The Pearl*, and *Things Fall Apart*. Class and group discussions, presentations, and cooperative learning activities will enhance students' abilities to speak effectively and become active listeners. WICOR, (Writing, Inquiry, Collaboration, Organization and Reading) will be used daily. We will be using *The 7 Habits of Highly Effective Teens* for monthly lessons on organization, planning, time management, and SMART goal setting. Assessments will be evaluated using Common Core State Standards in the academic areas of Reading, Writing, Language, and Speaking & Listening. **A summer reading assignment must be completed before the course begins in September.**

9TH GRADE HONORS ENGLISH

Prerequisite: 8th grade bloc teacher recommendation

Credit for graduation: 1.0 English

9th Grade Honors English centers on students exhibiting learning initiative in English Language Arts reading, researching, writing, analyzing, speaking and language skills. The emphasis in this course is to build on the essential academic skills for college readiness that will support students' success in high school and project pathways to higher education. Students are expected to actively engage in the learning process both collaboratively and independently. Students will have the opportunity to produce extended projects targeted to learning acquisition, critical thinking and language skills development. Students will hone skills in syntax, grammar, vocabulary, and practice the MLA research format. Students will practice critical reading strategies using a variety of texts both fiction and non-fiction. Students will read a variety

of texts including poetry, many forms of informational writing including transcripts and articles, and literary works in short story, novel, epic, and classic plays. Assessments will evaluate student proficiency on the Common Core State Standards continuum for literacy areas of Reading, Writing, Language, and Speaking & Listening. **A summer reading assignment must be completed before the course begins in September.**

10TH GRADE ENGLISH

Prerequisite: Successful completion of 9th English

Credit for graduation: 1.0 English

Students will build on the reading and communication skills learned in 9th Grade English. Students will focus on analyzing fiction and non-fiction texts, including reading comprehension and close reading strategies. There will be an emphasis on vocabulary and developing fluency with words and text. Students will read poetry, *The Crucible*, *To Kill a Mockingbird*, *The Great Gatsby*, as well as a variety of other texts. In addition to class readings, students will complete independent reading from a list of recommended texts. Class and group discussion, presentations, and cooperative learning activities will enhance students' abilities to speak effectively and become active listeners. Students will continue to practice writing skills in preparation for the Smarter Balanced Test, including syntax, grammar, and an introduction to the MLA research format. Students will examine the writing process, the traits of good writing, and a variety of writing forms. The essay will be the major writing form explored. **A summer reading assignment must be completed before the course begins in September.**

10TH GRADE HONORS ENGLISH

Prerequisites: Successful completion of 9th English or 9th Honors English

Credit for graduation: 1.0 English

Curriculum samples major schools of thought in American literature, and philosophy. Students will closely study the distinction between subjective and objective writing and thinking, and they will practice writing in both creative and objective styles. Students will also be expected to read four independent reading books from the AHS challenge list throughout the year. Honors English students are expected to write during class several times per week. Students will complete a persuasive speech. See the teacher for the prerequisite reading list. Students will continue to practice writing skills in preparation for the Smarter Balanced Test, including syntax, grammar, and an introduction to the MLA research format. **A summer reading assignment must be completed before the course begins in September.**

11TH ENGLISH

Prerequisite: Successful completion of 10th English

Credit for graduation: 1.0 English

This course provides students with many opportunities to practice their reading and writing skills and build on their abilities to use direct evidence from texts to support their ideas. We will develop and expand on reading strategies, the connection from reading to writing arguments, and the writing process using controversial issues, literature, and nonfiction articles from various sources. The reading, writing, and language components will help prepare students to take the state testing in the spring. We will use multiple forms of speaking and listening activities to hone those skills as we research and discuss many issues throughout the units. **A summer reading assignment must be completed before the course begins in September.**

AP LANGUAGE & COMPOSITION

Prerequisite: Successful completion of 10th English A & B or 10th Honors

English

Credit for graduation: 1.0 English 11

The focus of this course is preparation for the Advanced Placement Exam in Language and Composition. Prose works include fiction, drama, and non-fiction. Critical reading and writing skills are emphasized, and students practice writing style analysis and persuasive compositions. **Summer reading prior to the junior year is required.** In addition to high school credit, students who take the College Board AP exam may earn college credit, depending on the score received and each college's AP policy. The AP Exam is offered in May and requires an additional fee (fee waivers available for qualified students).

AP LITERATURE & COMPOSITION

Prerequisite: Successful completion of 11th English A & B or AP Language & Composition

Credit for graduation: 1.0 English 12

The focus of this college-level course is preparation for the Advanced Placement Exam in Literature and Composition. Critical reading and writing skills are emphasized, and students practice using critical lens theories, literary/rhetorical devices, themes, and author's techniques in the analysis of works of literary merit. Use of the Common Core English standards of critical reading, writing, language, speaking and listening in a variety of uses will be assessed throughout the course. Summer reading and writing assignment prior to the senior year is required. The course also assists with Advisory and Senior Culminating Presentation preparation with items such as college applications, recommendations,

resumes, personal statements/college essays and the use of PowerPoint to present. In addition to high school credit, students who take the College Board AP exam may earn college credit, depending on the score received and each college's AP policy. The AP Exam is offered in May and requires an additional fee (fee waivers available for qualified students).

BRIDGE TO COLLEGE – 12TH GRADE ENGLISH

Prerequisite: 12th Grade Status

Credit for graduation: 1.0 English 12

The Bridge to College English Language Arts course is for seniors who are college and career focused. The course curriculum emphasizes reading, writing, speaking, & listening, and research based on the Common Core State Standards (CCSS) for ELA, as well as defining and researching what it means to be a global citizen. Students will engage with rigorous texts and activities that support the standards' additional goals of developing the capacities of literacy, including deepening appreciation of other cultures, valuing evidence and responding to varying tasks across content areas, and navigating technology to support their work. **A summer reading assignment must be completed before the course begins in September.**

Additional Support

ENGLISH LANGUAGE LEARNERS LAB

Prerequisite: Placement by ELL Staff

Credit for graduation: 0.5 Elective (may be repeated for credit)

This course is designed to improve communications skills for students whose first language is not English. Reading, writing, listening and speaking skills are addressed. Tutorial support is provided for academic courses.

Mathematics

Program Area	Course Title	Grade	Credit
Core Course	Intensified Algebra	9-10	1.0
	or Algebra I	9-10	1.0
Core Course	Geometry	9-12	1.0
Core Course	Precision Trade Math Cross-credited CTE	11-12	1.0
Core Course	Algebra II	9-12	1.0
	or Bridge to College Math	11-12	1.0
Core Course	Pre-Calculus	9-12	1.0
Core Course	AP Calculus	10-12	1.0
Core Course	AP Computer Science A Cross-credited Science or CTE	10-12	1.0
Core Course	AP Statistics**	10-12	1.0
Support	Geometry Support*	9-12	1.0

The AHS Math department requires the successful completion of a prerequisite course to continue with the math sequence.

* Counts as elective credit

**Offering contingent on student enrollment.

Mathematics Core Courses

INTENSIFIED ALGEBRA

Prerequisite: Counselor/Admin approval.

Credit for graduation: 1.0 Math, 1.0 Elective

The Intensified Algebra I curriculum is intended for students who are 1-3 years behind grade level. It includes rigorous, but accessible treatment of topics that are most critical for success in algebra and future mathematics courses. The course targets students' conceptual understanding, associated skills, and related problem-solving and reasoning capabilities. Intensified Algebra I uses technology-based representations - visualizations, animations, and simulations - to allow students to explore algebra situations, increase their attention to mathematically important aspects of those situations, explicitly show relationships, and connect ideas.

ALGEBRA I

Prerequisite: none

Credit for graduation: 1.0 Math

Topics include solving equations and inequalities, negative exponents, graphs and analysis of linear, exponential and quadratic functions, and solving and graphing systems of linear equations and inequalities. Within these topics, the course focuses on common mathematical themes including a function's key features and the use of multiple representations to support conclusions.

GEOMETRY

Prerequisite: Successful completion of Algebra I

Credit for graduation: 1.0 Math

This course focuses on using reason to develop, prove and apply geometric concepts. Topics included in the course are scaling figures, angle and line relationships, triangle similarity and congruence, right triangle trigonometry, probability, geometric proof, polygons, and properties and measures of polygons, circles, and three-dimensional figures. Within these topics, the course focuses on common mathematical themes including justifying reasoning and using multiple mathematical representations to support conclusions. The state Smarter Balanced Assessment is taken at the end of this course.

PRECISION TRADE MATH

Prerequisite: 4 semesters of Metals

Credit for graduation: 1.0 Math

Using mathematical knowledge to build and engineer a variety of projects, students will work individually and in groups to problem solve, analyze, estimate, measure, and create 2 and 3 dimensional projects. Additionally, students will use their understanding of numbers, geometry, procedures and computations to apply and solve real world problems. *Please note: this math option does not meet 4-year college/university admission requirements.*

ALGEBRA II

Prerequisite: Successful completion of Algebra I

Credit for graduation: 1.0 Math

In addition to topics covered in Algebra I, the course covers quadratics, inverse functions, exponential and logarithmic functions, polynomials, and rational functions. Within these topics, the course focuses on common mathematical themes including a function's key features, transformations, and the use of multiple representations to support conclusions.

BRIDGE TO COLLEGE MATH

Prerequisite: Successful completion of Geometry

Credit for graduation: 1.0 Math.

This course emphasizes modeling with mathematics and the Standards for Mathematical Practice found within Washington K-12 Mathematics Learning Standards (the Common Core State Standards, CCSS-M). Topics include building and interpreting functions (linear, quadratic & exponential), writing, solving and reasoning with equations and inequalities, and summarizing, representing, and interpreting data. The course is designed to focus on building conceptual understanding, reasoning and mathematical skills and provides students engaging mathematics that builds flexible thinking and a growth mindset. Recommended for seniors who score in Level 2 on the Smarter Balanced 11th grade assessment and are successful in this course (B or better), the Bridge to College Mathematics course offers an opportunity to place into a college-level course when entering college directly after high school and for juniors recommended by their Algebra II teacher.

PRE-CALCULUS

Prerequisite: Successful completion of Algebra II and Geometry

Credit for graduation: 1.0 Math

This course will study applications of triangle trigonometry relationships, circular functions, trigonometry identities, vectors, and properties of trigonometry functions. Additionally, this course consists of an applications-oriented investigative mathematics curriculum that integrates the use of graphing calculators in the instruction. The course content includes data analysis, algebraic and transcendental functions, modeling, trigonometry, sequences, and introduction to limits.

AP CALCULUS

Prerequisite: Successful completion of Pre-Calculus

Credit for graduation: 1.0 Math.

This is a college-level Calculus course. Topics studied include limits, continuity, exponential, logarithmic and trigonometric functions, differentiation and integration. Calculus is recommended for any student who plans to study engineering, sciences, or mathematics in college. In addition to high school credit, students who take the College Board AP exam may earn college credit, depending on the score received and each college's AP policy. The AP Exam is offered in May and requires an additional fee (fee waivers available for qualified students).

AP COMPUTER SCIENCE A

Prerequisite: Successful completion of Algebra II (may be taken concurrently with teacher approval)

Credit for graduation: 1.0 Math/Science/Career Technical

This college-level course focuses on the use of Java language and emphasizes the design of robust and reusable object-oriented programming code. Students will learn to write well-formed methods and understand the concepts of abstraction, encapsulation, polymorphism and inheritance. Several careers across a variety of disciplines are now requiring some degree of programming skills. This course provides good foundation when learning future programming languages. Successful completion of the College Board's AP exam can allow the student to earn college credit. The AP Exam is offered in May and requires an additional fee (fee waivers available for qualified students).

AP STATISTICS

Prerequisite: Successful completion of Algebra II

Credit for graduation: 1.0 Math

Offered 2017-18 and every other year, based on enrollment

A rigorous introductory college level statistics course typically required for college majors such as social sciences, health sciences, business, science, engineering, and mathematics. This course introduces students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Students are exposed to four broad conceptual themes: exploring data: (describing patterns and departures from patterns), sampling and experimentation (planning and conducting a study), anticipating patterns (exploring random phenomena using probability and simulation), and statistical inference (estimating population parameters and testing hypotheses). In addition to high

school credit, students who take the College Board AP exam may earn college credit, depending on the score received and each college's AP policy. The AP Exam is offered in May and requires an additional fee (fee waivers available for qualified students).

Additional Support

GEOMETRY SUPPORT

Prerequisite: Placement in this course will be determined by teacher recommendation.

Credit for graduation: 1.0

This course is intended for students who are behind grade level. It supplements the Geometry course providing further assistance and practice. Topics covered are aligned with Geometry content.

Science

Program Area	Course Title (all AHS science courses are designated as “lab science”)	Grade	Credit
Core Course	Physical Science	9	1.0
Core Course	Biology I	9-10	1.0
Life Science	Human Anatomy/Physiology I	10-12	1.0
Life/Earth/Physical Science	AP Environmental Science** – Cross credited CTE	10-12	1.0
Physical Science	Chemistry I	10-12	1.0
Physical Science	AP Chemistry	10-12	1.0
Science/Technology	AP Computer Science A - Cross credited Math or CTE	10-12	1.0
Physical Science	General Physics	10-12	1.0
Physical Science	AP Physics (C) - Mechanics - Independent Study	10-12	1.0
Science/Technology	Introduction to Robotics - Cross credited CTE	9-12	0.5
Science/Technology	Robotics Engineering - Cross credited CTE	9-12	0.5
Science/Technology	Advanced Robotics - Cross credited CTE	10-12	0.5

Two years of lab science are required for graduation. All courses listed under Science offerings count as lab science. Students planning to attend Washington State Colleges should complete at least 3 credits of high school science.

* Counts as elective credit

**Offering contingent on student enrollment.

Science Core Courses

PHYSICAL SCIENCE

Prerequisite: None

Credit for graduation: 1.0 Science

This course is a survey of major scientific concepts and techniques. The focus is on the process and method of science. Content contains topics of studies in physics, chemistry, earth, and space science. Labs, hands-on activities, and inquiry are emphasized. The majority of incoming 9th graders are required to take this course unless they have teacher recommendation from their 8th grade Challenge Science teacher. Such students must enroll in Biology I instead.

BIOLOGY I

Prerequisites: Successful completion of Physical Science Advanced Science 8 and teacher recommendation

Credit for graduation: 1.0 Science

Biology is the study of living things. We will explore the function of the cell, the field of genetics, disease, living organisms and evolution.

HUMAN ANATOMY/PHYSIOLOGY I

Prerequisite: Successful completion of Biology I

Credit for graduation: 1.0 Science

This course is recommended for anyone who wants to learn about the human body or anyone who may be considering a career in the Health/Medical field. We will explore how major body systems are organized, how they can dysfunction and how they interact with each other. Labs which help in understanding the anatomy and physiology of the human body (including animal dissection) are part of this course. An anatomy color book (\$20.00) is required.

AP ENVIRONMENTAL SCIENCE

Prerequisite: Successful completion of Biology I and Algebra I

Credit for graduation: 1.0 Science or Career Technical

The goal of this college-level course is to provide students with the principles and methodologies to analyze interrelationships in the natural world, investigating environmental problems natural and man-made. We will investigate and evaluate alternate solutions for resolving these

problems. This is an interdisciplinary course, embracing a wide variety of topics from many areas of study. It will include physical, biological and field science techniques. The goal is to prepare students for further studies in environmental science at the college level. In addition to high school credit, students who take the College Board AP exam may earn college credit, depending on the score received and each college’s AP policy. The AP Exam is offered in May and requires an additional fee (fee waivers available for qualified students).

CHEMISTRY I

Prerequisite: Successful completion of Biology and Algebra I and concurrent enrollment or completion of Algebra II or BTC Math.

Credit for graduation: 1.0 Science

This comprehensive course places emphasis on chemical theory, practical applications, and problem solving. Chemistry concepts and scientific processing skills are developed through the study of matter, energy, chemical bonding, and chemical reactions.

AP CHEMISTRY

Prerequisite: Successful completion of Chemistry I and Algebra II, or teacher permission.

Credit for graduation: 1.0 Science

This college-level course is for the student who wishes to delve further into chemistry. The lab portion of this course is comparable to that of a typical college course. Topics include: structure of matter, states of matter, chemical reactions, descriptive chemistry and accompanying labs. In addition to high school credit, students who take the College Board AP exam may earn college credit, depending on the score received and each college’s AP policy. The AP Exam is offered in May and requires an additional fee (fee waivers available for qualified students).

AP COMPUTER SCIENCE A

Prerequisite: Successful completion of Algebra II (may be taken concurrently with teacher approval)

Credit for graduation: 1.0 Math/Science/Career Technical

This college-level course focuses on the use of Java language and emphasizes the design of robust and reusable object-oriented

programming code. Students will learn to write well-formed methods and understand the concepts of abstraction, encapsulation, polymorphism and inheritance. Several careers across a variety of disciplines are now requiring some degree of programming skills. This course provides good foundation when learning future programming languages. Successful completion of the College Board's AP exam can allow the student to earn college credit. The AP Exam is offered in May and requires an additional fee (fee waivers available for qualified students).

GENERAL PHYSICS

Prerequisite: Successful completion of Biology, Geometry, and Algebra II (can be taken concurrently)

Credit for graduation: 1.0 Science

Basic physics concepts dealing with the structure and behavior of matter are emphasized. Mechanics, properties of matter, heat, sound and light, electricity and magnetism, and atomic/nuclear physics are explored. The content of this course includes a strong foundation for several science and technology related fields of study.

AP PHYSICS (C) MECHANICS - INDEPENDENT STUDY

Prerequisite: Successful completion of General Physics and Calculus (Either course may be taken concurrently with teacher permission.)

Credit for graduation: 1.0 Science

This college-level course will have two tracks during the same class period. The common portion of this course, (AP Physics) is intended for students with a high interest in Physics AND existing strong math skills. Advanced algebra, trigonometry, and calculus concepts will be used repeatedly to study the major areas of classical physics which include kinematics, dynamics, work & energy, momentum, rotational kinematics, rotational dynamics, gravity, and oscillations. Some students will be taught AP Physics as well as additional calculus skills related to the BC Calculus exam (track 1), while other students will study AP Physics as well as System Dynamics (track 2). System dynamics is a field of study that focuses on the flow of feedback (information that is transmitted and returned) that occurs throughout the parts of a system—and the system behaviors that result from those flows. The field has a long history, and has drawn from other fields as diverse as mechanical engineering, biology, and the social sciences. In addition to high school credit, students who take the College Board AP exam may earn college credit, depending on the score received and each college's

AP policy. The AP Exam is offered in May and requires an additional fee (fee waivers available for qualified students).

ROBOTICS I–VI

INTRODUCTION TO ROBOTICS (SEMESTERS I-II)

Prerequisite: None

Credit for Graduation: 0.5 Career Technical or Lab Science per semester
Robotics is designed for the student who has an interest in disciplines such as engineering, computer programming, technical design, electronics and the multidisciplinary aspects of robotics. The objective of this course is to introduce students to basic programming and problem solving strategies. Students will work in teams to design, build, program and test Tetrix robots.

ROBOTICS ENGINEERING (SEMESTERS III-IV)

Prerequisite: Successful completion of the Introduction to Robotics course or with teacher permission.

Credit for Graduation: 0.5 Career Technical or Lab Science per semester
Students will continue to explore the field of robotic design using a variety of hands on activities. Students will work in teams to create simple drive trains and end effectors capable of movement through tele operated interaction. Programming is a vital element for this course. CAD application is introduced as a tool used for mechanical design. Science or CTE credit is available and the class can be repeated for a maximum of 2.0 credits. Students with a "B" grade or better in this course have the opportunity to earn 3 college credits.

ADVANCED ROBOTICS (SEMESTERS V-VI)

Credit for Graduation: 0.5 Career Technical or Lab Science per semester

Prerequisite: Successful completion of the Robotics Engineering course or with teacher permission.

This course is designed for students that want to have the ultimate hands-on experience. Members of this class are the core of the Anacortes High School Robotics Team. This course is articulated with Skagit Valley College for 4 credits. MANF-191 & MANF-195 and is the capstone course for the engineering related program of study at AHS. Students with a "B" grade or better in this course have the opportunity to earn 3 college credits.

Social Studies

Program Area	Course Title	Grade	Credit
Core Course	World History	9	0.5
	or AP Human Geography	9	1.0
Core Course	U.S. History	10	1.0
	or AP U.S. History	10	1.0
Core Course	Contemporary World Issues	11-12	0.5
	or Honors Contemporary Issues in Religions	11-12	1.0
Core Course	Civics	11-12	0.5
	or AP U.S. Government**	11-12	1.0
Core Course	Contemporary American Culture	11-12	0.5
Core Course	Contemporary Issues through Multi-Media	11-12	0.5

Additional contemporary studies courses may need to be taken in Grades 11-12 to satisfy the 3.0 credit requirement.

**Offering contingent on student enrollment

Social Studies Core Courses

WORLD HISTORY

Prerequisite: None

Credit for graduation: 0.5 Social Studies

In this course, students develop an awareness and understanding of the historical development of the world (primary emphasis will be placed on personalities, significant events, and chronology).

AP HUMAN GEOGRAPHY

Prerequisite: Grade 8 block teacher recommendation and A average in block class

Credit for graduation: 1.0 Social Studies

This college-level course introduces students to the systematic study of patterns and processes that have shaped human understanding, use and alteration of Earth's surface. Students learn to employ spatial concepts and landscape analysis to examine human socioeconomic organization and its environmental consequences. They also learn about the methods and tools geographers use in their research and applications. The AP Exam is offered in May and requires an additional fee (fee waivers available for qualified students)

U.S. HISTORY

Prerequisite: None

Credit for graduation: 1.0 Social Studies

This survey course covers American history from 1900 to present. The focus is on the major themes of conflict, social change, economics, and geography.

AP U.S. HISTORY

Prerequisite: None

Credit for graduation: 1.0 Social Studies elective

This college-level course requiring college level reading and writing skills designed to meet the needs of highly motivated students who have a strong interest and ability in American History. In addition to high school credit, students who take the College Board AP exam may earn college credit, depending on the score received and each college's AP policy. The AP Exam is offered in May and requires an additional fee (fee waivers available for qualified students).

CONTEMPORARY WORLD ISSUES

Prerequisite: 11/12 grade status

Credit for graduation: 0.5 Social Studies

This course is designed to have students explore current world issues in order to expand their awareness and understanding confronting the global community. This course will emphasize broad reading, classroom discussion, research and writing. This course meets college admissions standards as set forth by the Washington Student Achievement Council.

HONORS CONTEMPORARY ISSUES IN RELIGIONS

Prerequisite: 11/12 grade status

Credit for graduation: 1.0 Social Studies

This course will be a careful consideration of the historical development of all the major world religions. We will look at the contemporary sociological, political, theological, and philosophical impact of these religions. The course will emphasize broad reading, classroom discussion, and academic writing. This course is designed as a college preparatory course.

CIVICS

Prerequisite: 11/12 grade status

Credit for graduation: 0.5 Social Studies

This course is designed to instruct students in the operation of American Government and will provide an opportunity to develop an awareness and understanding of the major problems confronting today's world. Students will be encouraged to become actively involved in reading daily newspapers, watching television newscasts, and reading current publications. Students will participate in classroom discussions that encourage students to participate in the democratic process.

AP U.S. GOVERNMENT

Prerequisite: Successful completion of U.S. History, 11/12 grade status

Credit for graduation: 1.0 Social Studies and includes the Civics requirement.

This college-level course is designed to present students with an analytical perspective of U.S. government and politics. The course involves general concepts used to interpret U.S. politics as well as specific case studies as they relate to source documents. The course will also focus on government institutions, group beliefs, and ideology as they relate to the political process. In addition to high school credit, students who take the College Board AP exam may earn college credit, depending on the score received and each college's AP policy. The AP Exam is offered in May and requires an additional fee (fee waivers available for qualified students).

Contemporary Studies

CONTEMPORARY AMERICAN CULTURE

Prerequisite: 11/12 grade status

Credit for graduation: 0.5 Social Studies

This semester course studies the social and cultural development of the United States from 1900 to present. Emphasis is placed on those areas of American life that have shaped American culture, such as, music, sports, film, theater, popular culture, technology, science, crime, disasters, etc. The course study requires students to use critical thinking abilities in making comparisons between different periods of history and to contemplate the question "How should we then live?" Students engage in projects and presentations, view a number of DVD and video samples, and listen to a number of music genres. The course looks at America in its true sense...its people.

CONTEMPORARY ISSUES THROUGH MULTI-MEDIA

Prerequisite: 11/12 grade status

Credit for graduation: 0.5 Social Studies

In this course contemporary global issues are studied in depth using various means of media as the lens. The impact of 9-11, war, genocide, child soldiers, cultural integration and globalization among other topics are analyzed. Students read magazines, newspapers, the book, A Long Way Gone, view documentary and historical films and examine the role of music as a response to these world issues. This class includes class discussion and writing, including five essays throughout the semester. This course meets college admission standards as set forth by the Washington Student Achievement Council. ***This course has not been approved by the NCAA and may affect college athletic eligibility should you wish to participate in post-secondary Division I and/or Division II athletics.***

World Language

Program Area	Course Title	Grades	Credit
World Language	Spanish I	9-12	1.0
World Language	Spanish II	9-12	1.0
World Language	Spanish III	10-12	1.0
World Language	Spanish IV/ V**	11-12	1.0
World Language	AP Spanish**	11-12	1.0

Four year colleges require at least two consecutive years of world language. Some schools require more than two years. It is recommended that students take world language courses consecutively; however, if that is impossible, please see the teacher for review materials before the beginning of class.

**Offering contingent on student enrollment.

SPANISH I

Prerequisite: None

Credit for graduation: 1.0 Elective

The first year of Spanish is an academically rigorous introduction to the language and culture through music, art, role-playing, and conversation. Formal language structures are also introduced. Through the course students will see that proficiency in Spanish can open doors in business, education, agriculture, law enforcement, communications, and many other careers.

SPANISH II

Prerequisite: successful completion of Spanish I

Credit for graduation: 1.0 Elective

The purpose of second year Spanish is to extend the proficiency levels of the first year through activities in each form of communication: reading, writing, listening, and speaking. There will be an emphasis on acquisition of vocabulary for personal and practical use.

SPANISH III

Prerequisite: Successful completion of Spanish II

Credit for graduation: 1.0 Elective

At this level, students are introduced to more advanced vocabulary and grammatical structures through different reading, writing, listening, and speaking activities to increase overall proficiency in the language. In addition, students will gain a deeper understanding of the different cultures within the Spanish-speaking world. Classes are conducted almost entirely in Spanish.

SPANISH IV/V

Prerequisite: Successful completion of Spanish III

Credit for graduation: 1.0 Elective

The Spanish IV and V courses offer opportunities to build on previous experience with the language to attain more advanced proficiency in all four areas of language acquisition—speaking, listening, reading, and writing. Classes are conducted in Spanish.

AP SPANISH

Prerequisite: Successful completion of Spanish IV or permission of teacher
Credit for graduation: 1.0 Elective

The AP Spanish Language and Culture course emphasizes communication (understanding and being understood by others) by applying interpersonal, interpretive, and presentational skills in real-life situations. This includes vocabulary usage, language control, communication strategies, and cultural awareness. The AP Spanish Language and Culture course strives not to overemphasize grammatical accuracy at the expense of communication. To best facilitate the study of language and culture in both contemporary and historical contexts. The course develops students' awareness and appreciation of cultural products (e.g., tools, books, music, laws, conventions, institutions); practices (patterns of social interactions within a culture); and perspectives (values, attitudes, and assumptions). The AP Exam is offered in May and requires an additional fee (fee waivers available for qualified students).

Fine Arts

Program Area	Course Title	Grades	Credit
Visual Arts	Drawing I	9-12	0.5
Visual Arts	Drawing II	9-12	0.5
Visual Arts	Painting I	9-12	0.5
Visual Arts	Painting II	9-12	0.5
Visual Arts	Ceramics I & II	9-12	0.5
Visual Arts	3D Design and Sculpture	9-12	0.5
Visual Arts	3D Advanced Art	9-12	0.5
Visual Arts	Commercial Photography I & II - Cross credited CTE	10-12	0.5
Visual Arts	AP Studio Art - Independent Study	11-12	0.5
Performing Arts	Jazz Ensemble II	9-12	0.5
Performing Arts	Jazz Ensemble I	9-12	0.5
Performing Arts	Symphonic Band	9-12	1.0
Performing Arts	Wind Ensemble	9-12	1.0
Performing Arts	Percussion Ensemble	9-12	1.0
Performing Arts	Beginning Guitar (Offered 2017-18 and every other year)	9-12	0.5
Performing Arts	Mixed Choir	9-12	1.0
Performing Arts	Treble Choir	9-12	1.0
Performing Arts	Concert Choir	10-12	1.0
Performing Arts	Jazz Choir	10-12	0.5
Performing Arts	AP Music Theory (Offered every other year)	10-12	1.0
Performing Arts	Drama I	9-12	0.5
Performing Arts	Drama II	10-12	0.5
Performing Arts	Drama III & IV	11-12	1.0

Visual Arts

DRAWING I

Prerequisite: None

Credit for graduation: 0.5 Fine Arts

The course will focus on creative studies of two-dimensional design concepts through Line, Value, Shape, Space and Form. Using a variety of drawing mediums, students will be exposed to principles of Emphasis, Proportion, Unity and Balance. Students will gain exposure to new ideas, creative thinking and self-expression.

DRAWING II

Prerequisite: Prerequisite Successful completion of Drawing I or teacher approval

Credit for graduation: 0.5 Fine Arts (may be repeated for credit)

This course is for students who want to pursue an in-depth, self-directed and focused study of different design concepts and principles of art using drawing mediums.

PAINTING I

Prerequisite: None

Credit for graduation: 0.5 Fine Arts

The course will focus on creative studies of two-dimensional design concepts through Value, Color, Texture, Shape, Space and Form. Using painting mediums, students will be exposed to the principles of Emphasis, Proportion, Balance and Unity. Students will gain exposure to new ideas, creative thinking and self-expression.

PAINTING II

Prerequisite: Successful completion of Painting I or teacher approval

Credit for graduation: 0.5 Fine Arts (may be repeated for credit)

This course is for students who want to pursue an in-depth, self-directed and focused study of different design concepts and principles of art using painting mediums.

CERAMICS I

Prerequisite: None

Credit for graduation: 0.5 Fine Arts

Material fees: approximately \$20

This course is designed to introduce students to hand building and wheel throwing clay techniques. Students will learn to glaze and fire their projects. Students apply the course content of the elements of art, principles of design, stages of clay, uses of clay tools, glazing techniques, and form and finishing techniques for their projects. The projects become increasingly more involved as they move through the course.

CERAMICS II

Prerequisite: None

Credit for graduation: 0.5 Fine Arts

Material fees: approximately \$20

This course is designed to advance students' knowledge of wheel and hand building techniques. Students will be engaged in building larger structures such as a face box or a free standing clock or birdhouse. On the potter's wheel, students will be learning to make pieces with lids and handles or spouts. The elements and principles of art will be stressed in all assignments. The projects become increasingly more involved as they move through the course.

3D DESIGN AND SCULPTURE

Prerequisite: None

Credit for graduation: 0.5 Fine Arts.

In this three dimensional art course, students will explore and experiment with a variety of materials such as wood, clay, plastic, metal, glass, plaster, found objects and natural materials while focusing on the elements of art and principles of design. Students will learn about the works of great sculptors throughout history as they develop skills using a variety of sculpture techniques such as carving, casting, modeling, and assembling.

3D ADVANCED ART

Prerequisite: Successful completion of two 3D design courses (ceramics or glass design)

Credit for graduation: 0.5 Fine Art

Material fees: \$35 - \$75

This course provides an opportunity for students to pursue an in-depth, self-directed, and focused study of three dimensional problem-solving using such media as clay, glass, and/or mixed media. Students will work closely with the teacher to determine the directions of personal exploration in the chosen media. This investigation and work will begin the preparation for possible art portfolio. It is expected that the advanced student have a strong foundation of 3D design and knowledge of the creative process.

COMMERCIAL PHOTOGRAPHY I

Prerequisite: none

Credit for graduation: 0.5 Fine Art (or 0.5 Career/Technical)

Learn the history, techniques, creativity, and business of photography. Projects include technical and esthetic photo assignments, digital manipulation, page design, and publishing.

COMMERCIAL PHOTOGRAPHY II

Prerequisite: Commercial Photography I

Credit for graduation: 0.5 Fine Art (or 0.5 Career/Technical)

Take your photography skills to the next level. Create and maintain an online portfolio, learn to use a DSLR camera, use studio strobes and work with commercial clients and more in this independent-focused class.

AP STUDIO ART - INDEPENDENT STUDY

Prerequisite: teacher approval

Credit for graduation: 0.5 Fine Arts (may be repeated for credit)

This college-level course is for students who want to pursue Advanced Placement credit. Students will work toward the completion of a portfolio that demonstrates a wide range of understanding in all 2-D design concepts along with a concentrated study in a particular artistic area. In addition to high school credit, students who take the College Board AP exam may earn college credit, depending on the score received and each college's AP policy. The AP Exam is offered in May and requires an additional fee (fee waivers available for qualified students).

Performing Arts - Music

JAZZ ENSEMBLE II

Prerequisite: Permission by the teacher. Must be able to read standard music notation and/or chord symbols, or learn quickly

Credit for graduation: 0.5 Fine Arts (may be repeated for credit)

This jazz ensemble meets during zero period twice a week throughout the school year and studies jazz, rock, Latin, swing, and funk. The ensemble is open to any AHS band members or others if they play piano, guitar, or bass. Students in this band are developing their jazz skills and are aiming to soon be in the Advanced Jazz Band. Instrumentation

requires, but is not limited to saxophone, brass, guitar, upright bass or bass guitar, piano, and percussion. Students will provide their own concert attire as directed, and in most cases, their own instruments. There are at least three concerts during the year, several community event performances, and participation in jazz festivals and competitions. All concerts and rehearsals are required, and additional rehearsals may be necessary as performances approach. Thirty minutes of practice between meetings and limited sectionals may be required outside of class. Grading is mainly based on playing tests, punctuality, and consistent attendance.

JAZZ ENSEMBLE I

Prerequisite: Audition is required for entrance. Auditions are by appointment with teacher. Contact teacher for audition materials.

Students must be able to read standard music notation.

Credit for graduation: 0.5 Fine Arts (may be repeated for credit)

This auditioned, upper level jazz ensemble meets during zero period at least twice a week throughout the school year and studies jazz, rock, Latin, swing, and funk. Based on auditions, instrumentation will be limited to the five saxes, four trombones, four trumpets, bass, piano, guitar, drums and auxiliary percussion/mallets. Students will provide their own concert attire as directed, and in most cases, their own instruments. There are at least three concerts during the year, several community event performances, and participation in jazz festivals and competitions. All concerts and rehearsals are required, and additional rehearsals may be necessary as performances approach. Thirty minutes of practice between meetings and limited sectionals may be required outside of class.

SYMPHONIC BAND

Prerequisite: Previous band experience or permission of teacher

Credit for graduation: 1.0 Fine Arts (may be repeated for credit)

Symphonic Band is a non-auditioned band for experienced musicians and will focus on the continued development of individual and ensemble playing skills. In Symphonic Band, musicians will work on technical and expressive elements of music while studying a variety of concert band literature that includes classical, jazz, and pep. AHS Band is featured throughout the year in the form of four concerts, all home football games, some winter home basketball games, and at least two parades. Students will provide their own concert attire and in most cases, their own instrument. There is a band fee of \$50.

WIND ENSEMBLE

Prerequisite: Previous Band experience and only by audition with the teacher.

Credit: .5 Fine Arts (may be repeated for credit)

Wind Ensemble is the most advanced concert band of the district band program where students continue their instrumental development at a more rigorous pace, and the most challenging literature is played. Entrance is only by audition. Of the band's four formal Brodriak concerts per year, the Wind Ensemble will participate as a separate entity for the final two (in April and June). In order to minimize future schedule changes, students should sign up for this class if they believe they will pass the Wind Ensemble entrance audition. Any exceptions will be handled on a case by case basis.

PERCUSSION ENSEMBLE

Prerequisite: Previous band experience or permission of teacher.

Credit for graduation: 1.0 Fine Arts (may be repeated for credit)

Percussion Ensemble is for all percussionists and is part of the Anacortes Band Program. A variety of percussion skills will be studied including drumline, concert percussion ensembles, mallets, and auxiliary percussion. These students perform as the drumline for all home football games, ten winter home basketball games, and at least two parades. Additionally, they perform as their own ensemble in at least four concerts a year. Students will provide their own concert attire and

in most cases, their own instrument. A band fee of \$50 covers the uniform fee and a band t-shirt if desired. All performances are required. All performances are required.

BEGINNING GUITAR

Prerequisite: None

Credit for graduation: 0.5 Fine Arts (may be repeated for credit)

Offered every other year (next offering 2019-20)

This class will introduce students to basic music theory, note reading, and the playing and appreciation of the guitar and its music. Students will acquire the necessary skills to enable them to improve playing and enjoyment of the guitar beyond this class. Students must provide their own Acoustic Guitar, Guitar Method Book specified by teacher (approx. \$7.95), guitar picks, tuner, and extra strings. May be repeated with teacher permission.

MIXED CHOIR

Prerequisite: No experience or audition necessary

Credit for graduation: 1.0 Fine Arts (may be repeated for credit)

This course is open to all AHS students without an audition. Emphasis is on developing the voice. Everyone will learn how to sing well in a large group while improving individually. Students should be willing to sing actively each day and will learn how to read music while singing from a variety of styles, cultures and time periods. This course can be great for new singers and also for those who would eventually like to sing in one of our advanced ensembles. Mixed choir participates in quarterly concerts throughout the year along with a couple community performances as invited. Attendance at all scheduled performances is required. This is a year-long course.

TREBLE CHOIR

Prerequisite: One year of mixed choir experience or audition required.

Credit for graduation: 1.0 Fine Arts (may be repeated for credit)

Each musician will work on both the technical and expressive elements of music through the study and performance of a variety of choral literature. Members will have the opportunity to perform and compete as soloists and in small groups. Continuing studies in proper vocal technique and music theory will be included. This course can be great for those who would eventually like to sing in one of our auditioned ensembles. Attendance at all scheduled performances will be required. This is a year-long course.

CONCERT CHOIR

Prerequisite: At least one year of Treble Choir or Mixed Choir experience.

Audition required for all students. Permission of teacher.

Credit for graduation: 1.0 Fine Arts (may be repeated for credit)

This is a mixed voice choir, SATB, with a reputation for excellence. Students will study and perform vocal music selected from the following time periods: Medieval, Renaissance, Baroque, Classical, Romantic, and Contemporary. Each musician will work on both the technical and expressive elements of music through the study and performance of a variety of choral literature. This ensemble is featured regularly throughout the year in formal concerts, festivals, assemblies, and elsewhere in the community. Continuing studies in proper vocal technique and music theory will be required. Attendance at all scheduled performances will be required. A \$15.00 choir robe dry cleaning fee will be required and payable in the activity office.

JAZZ CHOIR

Prerequisite: Audition required for all students. Must also be enrolled in Concert Choir. Permission of teacher

Credit for graduation: 0.5 Fine Arts (may be repeated for credit)

This is a highly select vocal group. Advanced skills in sight-reading, singing, harmony, and stylistic interpretation are required. This ensemble is featured regularly throughout the year in formal concerts, festivals, assemblies, and elsewhere in the community. Attendance at scheduled performances is required. Uniform requirement: the group will need to purchase their formal concert attire in September.

AP MUSIC THEORY

Prerequisite: Understanding of basic theory and concepts

Credit for graduation: 1.0 Fine Arts

Offered every other year

This college-level course is designed for students with prior theory experience who are highly capable & ambitious about learning music. It will include musical composition, sight-singing, dictation, along with other aspects of theory. In addition to high school credit, students who take the College Board AP exam may earn college credit, depending on the score received and each college's AP policy. The AP Exam is offered in May and requires an additional fee (fee waivers available for qualified students).

Performing Arts - Drama

DRAMA I

Prerequisite: None

Credit for graduation: 0.5 Fine Arts (may not be repeated for credit)

The objective of the course is to develop the student's physical and mental self-awareness through theater exercises including games, improvisations, pantomimes, monologues and frequent performance. Students work on scenes for the purpose of developing characterization. In addition to the performances and weekly theatre games, each student will be required to see one live play, read one play, and write a review of each.

DRAMA II

Prerequisite: Successful completion of Drama I &

Credit for graduation: 0.5 Fine Arts (may not be repeated for credit)

The objective of this course is the same as in Drama I except that greater levels of professionalism and achievement are expected. Students will continue to improve their skills through performance and observation. Weekly performances will be required along with the completion of a one-act play.

DRAMA III & IV

Prerequisite: Successful completion of Drama II or III, & Permission of teacher

Credit for graduation: 1.0 Fine Arts (may be repeated for credit)

Students who pursue acting to this level will be expected to be highly disciplined and professional in their examination of their craft. This course will have opportunities to explore individual interests in performance, technical theater, play writing, cinematography, etc., as well as participate in ensemble workshops. The course will work collaboratively to conceive, write, promote, and direct a significant production which will be performed for the public.

Physical Education

Program Area	Course Title	Grades	Credit
Physical Education	Sports and Conditioning	9-12	0.5
Physical Education	Strength and Endurance Training	9-12	0.5

SPORTS AND CONDITIONING

Prerequisite: None

Credit for graduation: 0.5 per semester Physical Education

The goals of this course include providing opportunities for students to learn the basics of team sports, individual sports, lifetime sports, and fitness activities to enhance their total physical, mental, and social well-being. Students will be provided with the opportunity to enhance/develop their personal fitness during indoor and outdoor class activities. Students will learn how to function as a part of a team physically and socially. Our desire to promote, encourage, and facilitate participation in activities directed at student's current as well as lifelong health and wellness.

STRENGTH AND ENDURANCE TRAINING

Prerequisite: None

Credit for graduation: 0.5 per semester Physical Education

Students will participate in various fitness training activities that are aimed to improve strength and conditioning. This class will focus on circuit training using high intensity interval training, TRX and CrossFit based activities. Students will learn how to perform workouts, track/record progress and set personal fitness goals.

Career & Technical Education

Program Area	Course Title	Grade	Credit
Agriculture Education & Science	AP Environmental Science – Cross credited Science*	10-12	1.0
Business & Marketing	Introduction to Computer Science	9-12	0.5
Business & Marketing	Microsoft Office 2010 IT Academy	9-12	0.5
Business & Marketing	Advanced Microsoft IT Academy	9-12	0.5
Business & Marketing	Introduction to Marketing	9-12	0.5
Business & Marketing	Advanced Marketing	9-12	0.5
Business & Marketing	Student Store	10-12	0.5
Business & Marketing	AP Computer Science A - Cross credited Math or Science*	10-12	1.0
Family & Consumer Science	Personal Finance	11-12	0.5
Family & Consumer Science	Family Health**	9-10	0.5
Skilled & Technical Science	Metals Technology I & II	9-12	0.5
Skilled & Technical Science	Metals Technology III & IV – Cross Credited Precision Trade Math*	10-12	0.5
Skilled & Technical Science	Robotics I-VI – Cross credited Science*	9-12	0.5
Skilled & Technical Science	Engineering Drawing and Design I-II	9-12	0.5
Skilled & Technical Science	Architectural Drawing and Design I-II	9-12	0.5
Skilled & Technical Science	Digital Media Production	9-12	0.5
Skilled & Technical Science	Advanced Digital Media	10-12	1.0
Skilled & Technical Science	Commercial Photography I-II – Cross credited Fine Arts*	9-12	0.5
Skilled & Technical Science	Yearbook	9-12	1.0

*Cross crediting available-see your counselor

**Graduation requirement-No CTE Credit



Tech Prep courses are a competency-based Direct Credit option for articulated courses at Skagit Valley College. This credit option allows students to enroll in Career & Technical courses at Anacortes High School and receive college credit for those courses upon completion of college-approved competencies. Students enrolled in a Tech Prep course and earn a B or better, will have the opportunity to earn community college credit at no cost.

Tech Prep advantages are:

- Receiving community college credit at no cost
- Earning credits for high school and community college at the same time
- Remaining at Anacortes High School while getting a head start on college

Tech Prep courses currently offered at the High School are:

- Microsoft Office IT Academy/Advanced IT Academy
- Advanced Marketing
- Personal Finance
- Commercial Photography
- Family Health
- Metals
- Robotics

In order to participate in Tech Prep and receive College credit, the student must:

- Enroll for the class through their high school CTE teacher.
- Complete the required registration process.
- Be assessed by their high school CTE teacher to show specified competencies at a performance level of “B”.

Agriculture Education & Science

AP ENVIRONMENTAL SCIENCE

Prerequisite: Successful completion of Biology I and Algebra I

Credit for graduation: 1.0 Science or Career Technical

The goal of this college-level course is to provide students with the principles and methodologies to analyze interrelationships in the natural world, investigating environmental problems natural and man-made. Students will investigate and evaluate alternate solutions for resolving these problems. This is an interdisciplinary course, embracing a wide variety of topics from many areas of study. It will include physical, biological and field science techniques. The goal is to prepare students for further studies in environmental science at the college level. In addition to high school credit, students that take the College Board AP exam may earn college credit, depending on the score received and each college's AP policy. The AP Exam is offered in May and requires an additional fee (fee waivers available for qualified students).

Business & Marketing

INTRODUCTION TO MARKETING

Prerequisite: None

Credit for graduation: 0.5 Career Technical

Students will learn the 4 P's of marketing: Price, Product, Place and Promotion. Entrepreneurship, product planning, distribution, advertising, public relations, marketing research and business plans will be explored. Students are invited to become a member of Future Business Leaders of America (FBLA) which includes leadership and competition opportunities.

ADVANCED MARKETING

Prerequisite: Intro to Marketing

Credit for graduation: 0.5 Career Technical

Advanced marketing concepts will be explored in this course. Topic examples are: movie and music marketing, product placement, tourism sports and recreation marketing, product research, sponsors and endorsements. FBLA membership is highly encouraged. Course may be repeated for credit to complete an FBLA written project for competition. Students with a "B" grade or better have the opportunity to earn college credit.

STUDENT STORE: MARKETING MANAGEMENT

Prerequisite: Advanced Marketing or Advanced Microsoft IT Academy, or concurrent enrollment. Class may also be taken with prior approval from teacher.

Credit for graduation: 0.5 Career Technical (may be repeated for credit)

Students will manage and operate the Hawk Stop student store. Concepts learned in the Intro to Marketing and Advanced Marketing classes will be applied to a real life retail environment. The store is open for business and students are responsible for personnel, merchandising, promotion, stocking, inventory and financial accountability. This experience may be repeated and promotion to management is possible. FBLA membership is highly encouraged.

INTRODUCTION TO COMPUTER SCIENCE

Prerequisite: none

Credit for graduation: 0.5 Career Technical

Tech jobs are among the fastest growing in the country and this course will offer a glimpse into the technology industry and introduce the diverse career pathways available in the growing field of computer science. Previous technology experience is not required. Through project-based learning, topics that will be explored include gamification, application design, data privacy, security, encryption, along with the learning about coding languages like JavaScript, HTML, and CSS.

AP COMPUTER SCIENCE A

Prerequisite: Successful completion of Algebra II (may be taken concurrently with teacher approval)

Credit for graduation: 1.0 Math/Science/Career Technical

This college-level course focuses on the use of Java language and emphasizes the design of robust and reusable object-oriented programming code. Students will learn to write well-formed methods and understand the concepts of abstraction, encapsulation, polymorphism and inheritance. Several careers across a variety of disciplines are now requiring some degree of programming skills. This course provides good foundation when learning future programming languages. Successful completion of the College Board's AP exam can allow the student to earn college credit. The AP Exam is offered in May and requires an additional fee (fee waivers available for qualified students)

MICROSOFT OFFICE 2010 IT ACADEMY

Prerequisite: none

Credit for graduation: 0.5 Career Technical

Students will create real world projects while learning computer application skills. Student have the chance to earn Microsoft Office Specialist (MOS) industry certifications in the latest Microsoft presentation, spreadsheet, and word-processing software. The latest Windows and Microsoft Office software will be used. Students are invited to become a member of Future Business Leaders of America (FBLA). Students with a "B" grade or better have the opportunity to earn college credit.

ADVANCED MICROSOFT IT ACADEMY

Prerequisite: none

Credit for graduation: 0.5 Career Technical

Students will work independently and use the latest Windows and Microsoft Office software. Core and advanced certifications are available for Microsoft Word, Excel, PowerPoint, Access, OneNote, and Outlook. Students may also work towards Microsoft Technical Associate certifications including system security, networking, and operating systems. FBLA membership is highly encouraged. Students with a "B" grade or better have the opportunity to earn college credit.

Family & Consumer Science

PERSONAL FINANCE

Prerequisite: None

Credit for graduation: 0.5 Career Technical

This course is designed for juniors and seniors. Students will learn practical knowledge to help with future educational, career, and financial choices. Topics will include career awareness, financial planning and decision making, money management, banking, saving, and investing. Students will also learn about credit and debt, risk management and insurance, buying a car and renting a place to live. Students with a "B" grade or better have the opportunity to earn college credit.

Health Science

FAMILY HEALTH

Prerequisite: None

Credit for graduation: 0.5 Required

Family Health addresses issues adolescents experience. Emphasis is placed on enabling students to assume an active role in developing healthy lifestyle choices. Topics included are: wellness, fitness, mental health, family and social health, substance abuse, adolescent development, nutrition, reproductive health, and abstinence. CPR card available for \$5.00. **Graduation requirement – Does not satisfy CTE credit requirement. ** Students with a "B" grade or better have the opportunity to earn college credit.

Skilled & Technical Science

METALS TECHNOLOGY I

Prerequisite: None

Credit for graduation: 0.5 Career Technical

Material Fee: Cost of actual materials

Introduces students to various machines, techniques, and career opportunities in metalworking – hand tools, welding (oxy/acetylene, MIG and arc), forging, and sheet metal. Students will learn to identify and work with various metals and power tools. Students will be required to pay for their project materials.

METALS TECHNOLOGY II

Prerequisite: Successful completion of Metals Tech I

Credit for graduation: 0.5 Career Technical

Material Fee: Cost of actual materials

Students learn advanced concepts in metalworking including: milling, lathe operations, computer-aided cutting, machining, and welding. Students are expected to be self-motivated and will be required to develop personal projects. Students will be required to pay for their project materials. Students with a "B" grade or better in this course have the opportunity to earn 3 college credits.

METALS TECHNOLOGY III -IV

Prerequisite: Successful completion of Metals Tech II

Credit for graduation: 0.5 Career Technical (or 0.5 Math) per semester

Material Fee: Cost of actual materials

These courses develop skills required for Entry Level Welder certification (AWS). Selected topics will include layout, blueprint reading and applied math and science. Students are expected to be self-motivated and pass specific hour and skill requirements while completing welding and assembly projects. Students will have an opportunity to design and construct at least one of their own projects. In addition, students will experience metal fabrication and manufacturing techniques that

emphasize safe mechanized handling of materials, heavy shearing/forming/welding operations, teamwork, and communication in cooperative enterprise. Students are required to pay for project materials. Students with a "B" grade or better in this course have the opportunity to earn 3 college credits.

PRECISION TRADE MATH

Prerequisite: 4 semesters of Metals

Credit for graduation: 1.0 Math

Using mathematical knowledge to build and engineer a variety of projects, students will work individually and in groups to problem solve, analyze, estimate, measure, and create 2 and 3 dimensional projects. Additionally, students will use their understanding of numbers, geometry, procedures and computations to apply and solve real world problems. *Please note: this math option does not meet 4-year college/university admission requirements.*

ROBOTICS I – VI

INTRODUCTION TO ROBOTICS (SEMESTERS I-II)

Prerequisite: None

Credit for Graduation: 0.5 Career Technical or Lab Science per semester

Robotics is designed for the student who has an interest in disciplines such as engineering, computer programming, technical design, electronics and the multidisciplinary aspects of robotics. The objective of this course is to introduce students to basic programming and problem solving strategies. Students will work in teams to design, build, program and test Tetrix robots.

ROBOTICS ENGINEERING (SEMESTERS III-IV)

Prerequisite: Successful completion of the Introduction to Robotics course or with teacher permission.

Credit for Graduation: 0.5 Career Technical or Lab Science per semester

Students will continue to explore the field of robotic design using a variety of hands on activities. Students will work in teams to create simple drive trains and end effectors capable of movement through tele operated interaction. Programming is a vital element for this course. CAD application is introduced as a tool used for mechanical design. Science or CTE credit is available and the class can be repeated for a maximum of 2.0 credits. Students with a "B" grade or better in this course have the opportunity to earn 3 college credits.

ADVANCED ROBOTICS (SEMESTERS V-VI)

Credit for Graduation: 0.5 Career Technical or Lab Science per semester

Prerequisite: Successful completion of the Robotics Engineering course or with teacher permission.

This course is designed for students that want to have the ultimate hands-on experience. Members of this class are the core of the Anacortes High School Robotics Team. This course is articulated with Skagit Valley College for 4 credits. MANF-191 & MANF-195 and is the capstone course for the engineering related program of study at AHS. Students with a "B" grade or better in this course have the opportunity to earn 3 college credits.

ENGINEERING DRAWING AND DESIGN I

Prerequisite: None

Credit for graduation: 0.5 Career Technical

This introductory course is designed to expose students to the world of Engineering drawing and design. Students will learn standardized practices used to communicate technical ideas and design principles while being exposed to a variety of software packages such as AutoCAD, Fusion360, Corel Draw and Graphtec Studio. Students will be introduced to CNC equipment such as 3D printers, laser cutters, milling machines and vinyl cutters. This course is the prerequisite for the Engineering Drawing & Design II course.

ENGINEERING DRAWING AND DESIGN II

Prerequisite: Successful completion of Engineering Drawing & Design I

Credit for graduation: 0.5 Career Technical

This course is designed for students with a basic set of skills in technical drawing and CNC machining who would like to further their knowledge. The nature of this course and its complexities will require students to be tenacious, self-motivated learners who problem solve; read and follow tutorial lessons; seek help from others; ask questions; and use class time wisely. The emphasis of this course will be to create realistic drawings/parts to be fabricated with CNC machines.

ARCHITECTURAL DRAWING AND DESIGN I

Prerequisite: None

Credit for graduation: 0.5 Career Technical

This introductory course is designed to expose students to the world of Architecture. Students will be exposed to the history of architecture, architectural styles, forms in architecture and careers related to this field of study. Students will learn standardized practices used to communicate technical ideas and design principles while being exposed to a variety of software packages such as AutoCAD and Chief Architect.

ARCHITECTURAL DRAWING AND DESIGN II

Prerequisite: Successful completion of Architectural Drawing & Design I

Credit for graduation: 0.5 Career Technical per semester

This course is designed for students with a basic set of skills in Architecture who would like to further their knowledge. This course will be taught using AutoCAD and Chief Architect. As part of the course students will be asked design and create a complete set of working drawings for a home style of their choice. Advanced students will have the opportunity to build a three dimensional stick framed model of their design.

DIGITAL MEDIA PRODUCTION

Prerequisite: None

Credit for graduation: 0.5 Career Technical

Turn your creative ideas into award-winning short films, music videos, animations, and entertaining commercials. Learn about video cameras,

special effects and sound design. Students work with industry-standard software and equipment in this hands-on course.

ADVANCED DIGITAL MEDIA

Prerequisite: Successful completion of Digital Media and application

Credit for graduation: 1.0 Career Technical (may be repeated for credit)

From pre-production through post-production, students will build on skills learned in Digital Media to create video segments for The Rock and other media productions. High quality, deadline driven projects will demand creativity, flexibility, attention to detail, and a positive work ethic.

COMMERCIAL PHOTOGRAPHY I

Prerequisite: none

Credit for graduation: 0.5 Career Technical (or 0.5 Fine Art)

Students will learn the history, techniques, creativity, and business of photography. Projects include technical and esthetic photo assignments, digital manipulation, page design, and publishing. Tech Prep or Fine Arts credit offered. Students with a "B" grade or better have the opportunity to earn college credit.

COMMERCIAL PHOTOGRAPHY II

Prerequisite: Commercial Photography

Credit for graduation: 0.5 Career Technical (or 0.5 Fine Art)

Students will advance their photography skills, create an online portfolio, learn to use a DSLR camera, use studio strobes, and produce a fine art show in this independent-focused class.

YEARBOOK

Prerequisite: Application process

Credit for graduation: 1.0 Career Technical (may be repeated for credit)

Become part of Anacortes High School history by creating The Rhododendron yearbook. Students develop skills in a wide variety of areas, including planning, layout, production, digital photography, digital imaging, graphic design, advertising, sales, and marketing.

Special Education Program

Program Area	Course Title	Grades	Credit
Resource	English	9-12	1.0
Resource	Basic Math	9-10	1.0
Resource	Consumer Math	11-12	1.0
Resource	Learning Lab	9-12	0.5
LifeSkills	Functional English	9-12	1.0
LifeSkills	Functional Math	9-12	1.0
LifeSkills	Functional Social Studies	9-12	1.0
LifeSkills	Functional Science	9-12	1.0
LifeSkills	Functional Life Skills and Transition Training	9-12	0.5

Special Education

ENGLISH

Prerequisite: Teacher/Administrator approval

Credit for graduation: 1.0 English (limited enrollment)

This is an individualized course offering instruction in reading comprehension, vocabulary and written language, as well as addressing areas of student need as determined through their IEP. State standards in ELA outlined in Common Core will be implemented as well as supplemental materials designed to improve skills and strategies in these areas.

BASIC MATH

Prerequisite: Teacher/Administrator approval

Credit for graduation: 1.0 Math (limited enrollment)

This is an individualized course offering instruction in operations and algebraic thinking, number and operations, measurements and data, and geometry concepts. We will use state standards outlined in Common Core and focus on real life applications and problem solving, as well as address specific goal areas of students as determined through their IEP.

CONSUMER MATH

Prerequisite: Teacher/Administrator approval

Credit for graduation: 1.0 Math (limited enrollment)

Students will learn about earning money, buying food, shopping for clothes, managing a household, buying and maintaining a car, improving a home, traveling, budgeting money, banking and investing, paying taxes, and preparing for a career. Students will have a final project in which they choose a career with an appropriate salary, work hours, planning a budget that will match their monthly salary and daily needs.

LEARNING LAB

Prerequisite: Teacher/Administrator approval

Credit for graduation: 0.5 Elective (may be repeated for credit; limited enrollment)

The purpose of this class is to support students in their area of eligibility for special education; reading, writing, math, and/or social/emotional goals. The student receives their primary instruction in the general education setting for the subject area that they qualify for. Our class supports the general education curriculum while also addressing and supplementing instruction to meet the goals and objectives written in the students' IEP. In addition, we will work on transitioning components that align with what is in their IEPs.

FUNCTIONAL ENGLISH

Prerequisite: Teacher/Administrator approval

Credit for graduation: 1.0 English (may be repeated for credit; limited enrollment)

This course offers instruction in functional English skills, addressing areas of student need as determined comprehension, and written language skills throughout the course.

FUNCTIONAL MATH

Prerequisite: Teacher/Administrator approval

Credit for graduation: 1.0 Math (may be repeated for credit; limited enrollment)

This is an individualized course offering instruction in functional math skills, addressing areas of student need as determined through the IEP. Students will improve functional math skills such as telling time, reading a calendar, counting/adding money, and weights and measurements throughout the course.

FUNCTIONAL SOCIAL STUDIES

Prerequisite: Teacher/Administrator approval

Credit for graduation: 1.0 Elective (may be repeated for credit; limited enrollment)

This course offers instruction in functional social studies, addressing areas of student need as determined through the IEP. Students will learn about important historical events as well as current world and local issues.

FUNCTIONAL SCIENCE

Prerequisite: Teacher/Administrator approval

Credit for graduation: 1.0 Elective (may be repeated for credit; limited enrollment)

This course offers instruction in functional science, addressing areas of student need as determined through the IEP. Students will learn basic science knowledge including topics such as space, marine life and patterns of the ocean, earth science, human anatomy, and health.

FUNCTIONAL LIFE SKILLS AND TRANSITION TRAINING

Prerequisite: Teacher/Administrator approval

Credit for graduation: 0.5 Elective (may be repeated for credit; limited enrollment)

This course provides individualized instruction and job training for students with an IEP. Specific training and instruction will be guided by the transition plan in place for that student. Students enrolled in this course will learn job skills. Students will be placed in the community with support and training and will learn skills required to live and work in the community.

Additional Electives

Program Area	Course Title	Grades	Credit
Elective	Student Leadership and Government	10-12	0.5
Elective	AHS Aide - Attendance/Main Office/Counseling	11-12	0.5
Elective	AHS Library Aide	11-12	0.5
Elective	AHS Teacher Aide (TA)	11-12	0.5
Elective	AVID Tutor	11-12	0.5
Elective	Peer Tutor	11-12	0.5
Elective	AVID	9-12	1.0

AVID - College Preparation

AVID (Advancement Via Individual Determination) is a 4-year college preparatory elective program focused on empowering students with academic skills, individual determination, and social adaptability leading to college graduation. Students must apply and complete an interview process to gain access to the AVID program. Students typically identified for the AVID program:

Demonstrate academic potential:

- Average to high test scores
- 2.0-3.5 GPA
- College potential with support
- Desire and determination

Meet one or more of the following criteria:

- First in the family to attend college
- Low income
- Special circumstances

Electives

STUDENT LEADERSHIP & GOVERNMENT

Prerequisite: None

Credit for graduation: 0.5 Elective. May be taken for up to 1 credit.

Students discuss and make decisions regarding Anacortes Student Body (ASB) policy and conduct the day-to-day operations of the ASB. A high standard of excellence is required of class members to provide leadership, while serving as role models for the entire school. Strongly recommended for all ASB, club, and class officers.

Student Aide Program

AHS AIDE – ATTENDANCE / MAIN OFFICE / COUNSELING

Prerequisite: Permission of administrative assistant and administrator, application required

Credit for graduation: 0.5 Elective - Grading: Pass/Fail

Students assist in the Attendance, Counseling or Main Office with various clerical tasks. Excellent attendance is a requirement. Students must work well with minimum direction and maintain a 2.0 GPA in current classes.

AHS LIBRARY AIDE

Prerequisite: Permission of librarian and administrator, application required

Credit for graduation: 0.5 Elective – Grading: Pass/Fail

Students will assist the librarian with a variety of job responsibilities, including computer e, automated cataloging, shelving books, circulation duties, handling audiovisual materials, etc. Students will become familiar with reference materials and techniques, library procedures, and technical skills. Regular attendance required. Student must maintain at least a 2.0 GPA in current classes.

AHS TEACHER AIDE

Prerequisite: Permission of teacher and administrator, application required

Credit for graduation: 0.5 Elective – Grading: Pass/Fail

Students assist a high school teacher or office personnel. Classroom assignment may take roll, keep records, and assist with clerical work. Office assignment will include answering the phone and extensive clerical work. Punctuality and regular attendance are required. Student must maintain at least a 2.0 GPA in current classes.

AVID TUTOR

Prerequisite: Permission of teacher and administrator, application required

Credit for graduation: 0.5 Elective

Grading: Letter Grade

AVID tutors will be mentors to students enrolled in the AVID class. An AVID tutor should exhibit the following qualities: be ready to work with students in groups and individually, be responsible, be knowledgeable of a variety of subjects, and maintain at least a 2.0 GPA in their current classes. Duties for an AVID tutor include assisting the teacher in lessons, leading tutorials, grading binders, assisting students with both classroom work and homework, and being a role model both in and out of the classroom.

PEER TUTOR

Prerequisite: Permission of teacher and administrator, application required

Credit for graduation: 0.5 Elective

Grading: Letter Grade

Students may be asked to provide one-on-one academic assistance. Tutors should exhibit the following qualities: be ready to work with students in groups and individually, be responsible, be knowledgeable in a variety of subjects, and maintain at least a 2.0 GPA in their current classes. Duties include: leading tutorials, assisting students with both classroom work and homework, and being a role model both in and out of the classroom.

AVID

Prerequisite: Acceptance to AVID Program

Credit for graduation: 1.0 Elective

The AVID elective course is a college preparatory program that provides support for students in the areas of writing, critical reading, research, and collaboration. Topics include Strategies for Success (note taking, organization/planning, test taking, study skills, self-efficacy, communication, and individual/group project work); College and Career (research, application, mock interview, 5-year plan, and college visits); and AVID Tutorials (college/adult tutors, collaborative study groups, writing groups, Socratic seminars, and teambuilding). Students who enroll in AVID continue in the program throughout their high school years.

Cap Sante High School

Cap Sante High School is an alternative school serving students in grades 9-12 who may find success via a more individualized educational setting. Learning is self-paced utilizing hardcopy and digital curriculum. Students' coursework is determined by their individual Student Learning Plan (SLP). They must make adequate academic monthly progress towards graduation in order to remain enrolled at Cap Sante High School. Students are required to satisfy all Cap Sante High School and state graduation requirements in order to earn a diploma from Cap Sante High School.



CSHS offers a smaller, individualized learning experience. Students have ongoing contact with a certificated teacher who provides as-needed direct instruction, review of assignments, testing, and evaluation of student work. The teacher also provides regular monitoring of progress towards graduation and conferences with students towards their individual education goals.

Students attend Cap Sante High School 5 days per week, 3 hours per day and work independently for another 3 hours per day. Students work on courses outlined in their SLPs and have a teacher on site to monitor progress and provide assistance. Credit is awarded upon course completion.

CSHS offers face-to-face and one-on-one teacher to student support. Our high school program welcomes applications from students with a variety of needs and interests. Alternative education is not the right fit for everyone, but for some students it provides a setting more conducive to academic success.

If the student is currently enrolled in the Anacortes School District, contact the AHS counselor for additional information. Otherwise please contact the Cap Sante High School registrar (360-503-1364) for an application.

Kecia Fox, Administrator

Diele Harrold, Registrar and Attendance

Kim Stamper, Teacher

Jennifer Alatorre, Teacher

2018-2019 Course Offerings

Northwest Career & Technical Academy



The Northwest Career & Technical Academy is an extension of your high school where innovative educational opportunities are available. Programs offered will provide you with the skills, knowledge, and professional leadership training necessary for the workplace or continuing education through an apprenticeship, community college, or university. The Academy is tuition free for high school students; however, some programs may have industry related costs/lab fees. Please see the Academy Catalog for full course descriptions, course requirements, high school credit equivalencies, and college credits. The Academy's website located at nwtech.k12.wa.us.

Classes are offered at four campuses: Main Campus, Mount Vernon; Anacortes Campus, Anacortes; Satellite Campus, Sedro-Woolley HS; Whatcom County Campus, Meridian HS.

Aerospace Manufacturing prepares students for immediate employment in the aerospace and manufacturing industries. Students will fabricate, assemble, and repair structures using basic and advanced composite materials including carbon fiber. Students will also learn blueprint reading, CNC operation, and metal riveting using numerous pneumatic tools, and discover the dynamics behind flight, flight controls, and flight surfaces in all kinds of aircraft. High School Credits Earned: 1.0 Technical Math, 1.0 Science and 1.0 Occupational Education.

Animal Care and Handling prepares students for entry level employment in a variety of animal related occupations, such as a laboratory animal caretaker, veterinary kennel attendant, pet store clerk, and grooming assistant. This course also prepares students for entry into a Veterinary Assistant program. The content includes but is not limited to: animal-related career exploration, responsible animal care, work environment sanitation and safety, small mammal, reptile, avian and fish biology and care. High School Credits Earned: 1.0 Technical English, 1.0 Science/Lab Science and 1.0 Occupational Education.

Applied Medical Sciences introduces students to the medical field, with an emphasis on knowledge and skills applicable to many medical occupations. Students explore medical careers in areas of interest, as well as in targeted high demand fields for future jobs. Students completing all course work and participating in a 50-hour clinical internship, will be eligible to become WA State Nursing Assistant Certified (NAC). Additionally, students will be able to test for the HIPAA certification. High School Credits Earned: 1.0 Science/Lab Science, 1.0 Technical English and 1.0 Occupational Education.

Automotive Services provides the skills and the knowledge required for job entry in the automotive trade at the apprenticeship level or additional training in a career-technical institute. The course will consist of shop safety, shop organization and operation, theory and repair of engines, electrical systems, brakes, fuel systems, cooling systems, power trains, and suspension steering alignment. The students will make repairs on the automobile in these areas at the trade accepted standard. The students can supply their own projects or will be furnished a project to work on. High School Credits Earned: 1.0 Technical Math, 1.0 Science and 1.0 Occupational Education.

Construction – Skilled Trades: Electrical, Plumbing, Finish Carpentry and Contracting develops the entry-level skills needed in residential electrical wiring, plumbing and finish carpentry including cabinet installation. Students will also learn project planning, cost estimation, and project management for residential sub-contracting. This year-long course is designed to accommodate quarter-entry points. Each quarter will focus on one content area as a stand-alone unit of instruction. Workplace safety, tool usage and job-readiness skills will be over-arching themes throughout each unit. Post high school training opportunities or entry-level employment in residential construction or facility maintenance careers in residential settings. High School Credits Earned (Year 1): 1.0 Technical Math, 1.0 Technical English and 1.0 Occupational Education. High School Credits Earned (Year 2): 2.0 Occupational Education and 1.0 Technical English.

Criminal Justice: Law Enforcement: provides an overview of the criminal justice system and the careers available in this growing employment field. Students will investigate

the roles of local and state law enforcement agencies, corrections, and other supporting careers. CPR training, hazardous materials awareness, and the National Incident Management system are also included in this program. High School Credits Earned: 1.0 Technical English, 0.5 Physical Education, 0.5 Civics Elective and 1.0 Occupational Education.

Culinary Arts and Restaurant Management program combines up to date hospitality industry approved curriculum with on the job training in a commercial setting open to the public. Students provide customer service, deal with production deadlines and serve in actual job functions. Students receive instruction in food and workplace safety, kitchen procedures, customer service, food production and baking techniques, banquets and catering, technical report writing, applied mathematics, nutrition, marketing, and leadership. Students leave with skills for entry level employment and opportunities for further advanced education. High School Credits Earned (Year 1): 1.0 Technical Math, 1.0 Technical English and 1.0 Occupational Education. High School Credits Earned (Year 2): 2.0 Occupational Education and 1.0 Technical English.

Dental Assisting -The Dental program prepares students to become Registered Dental Assistants through the State of Washington. Each student will experience hands-on learning offering valuable preparation for future placement in the exciting and demanding field of dental technology. Areas of study include: Occupational Industrial Safety/Hygiene, Oral Anatomy, Microbiology, Dental Terminology, Radiography, taking Bite-wing x-rays, Basic Chair-side Skills, Dental Equipment and Instrument Identification and Maintenance,

as well as Sterilization and Disinfection and Head and Neck Anatomy. High School Credits Earned: 1.0 Science/Lab Science, 1.0 Technical English and 1.0 Occupational Education.

Fire Science & EMS prepares students with the skills necessary to become a firefighter and EMT, and to be an integral part of a Community Emergency Response Team (CERT). Taught by fire-fighting professionals, students will participate in firefighter training; fire prevention, inspection and investigation; alarm systems; dispatching, and EMS. Students will learn in various fire training stations in the area and experience all this profession has to offer. High School Credits Earned (Year 1): 1.0 Science/Lab Science, 1.0 Physical Education and 1.0 Occupational Education. High School Credits Earned (Year 2): 1.0 Technical English, 1.0 Physical Education and 1.0 Occupational Education.

Marine Services is a hands-on new curriculum focused on the skills necessary for a successful future in the world of Maritime employment. Students will learn about preservation and maintenance of materials found on boats, marine and marina operations, customer service, boat handling and navigation, gelcoat and fiberglass repair, and an introduction to marine propulsion and engines. On the water and other field studies will be included in this course. Students wishing to continue in the marine field will be able to successfully transition into a variety of post-secondary options. High School Credits Earned: 1.0 Technical Math, 1.0 Science and

1.0 Occupational Education.

Mobile, Client Server Administration

develops skills in programming and server administration including mobile access. Students will develop skills in Linux, Android, Apache Server, and Microsoft Web Server installation, support and administration. Programming skills and Microsoft Certification will be mastered in developing web resources in HTML5, CSS3 and JavaScript. Mobile systems will be addressed throughout the course in support of client-level access to web resources and applications. Students completing this course will be prepared to earn the following industry certifications Linux Professional Institute – Linux Essentials, Microsoft – HTML5, CSS3, JavaScript, Microsoft – Mobility & Devices Fundamentals and Microsoft – Cloud Fundamentals. High School Credits Earned: 1.0 Technical English, 1.0 Computer Science and 1.0 Occupational Education.

Veterinary Assisting is designed for Students interested in professions working with and caring for animals. Through hands-on learning and challenging academic coursework, students will develop the skills and knowledge necessary to obtain entry-level positions in a variety of animal care facilities, including veterinary hospitals, grooming shops, animal shelters, and boarding facilities. High School Credits Earned: 1.0 Science/Lab, 1.0 Technical English and 1.0 Occupational Education.

Video Game Development explores the many facets of the video game development

life-cycle: from asset creation to game design to coding. Students will learn to code in an industry-standard programming language, create their own 2D & 3D graphics, explore game design as part of a project team and combine these elements to create games using a professional game engine. With crossover credit options available, this could be the first step on the path to a career in computer science. High School Credits Earned (Year 1): 1.0 Linear Algebra, 1.0 Computer Graphics and 1.0 Computer Programming. High School Credits Earned (Year 2): 3.0 Computer Gaming and Design.

Innovative students can return for a second year of self-driven studies, earning more credits for applying their skills in advanced software development areas. Students must have successfully completed the first year of study and shown evidence of being an independent worker.

Welding is an industry-based shop environment designed for the student who would like to develop a deeper understanding of metalworking as a foundation for continuing education or being in a job-ready market. Students are trained in the basic skills of oxy-acetylene welding, and cutting, shielded metal arc welding, gas metal and flux cored arc welding, gas tungsten arc welding, many other areas. Additionally, this program trains students in blueprint reading, math, layout and fit-up, and fabrication of a wide variety of projects. High School Credits Earned: 1.0 Technical English, 1.0 Technical Math and 1.0 Occupational Education.