



2024-2025 Forecasting

Hello, Hawks:

This guide was created to help students and families plan for the 2024-2025 school year. It is not intended to be comprehensive in nature, so if you have questions, please reach out to your counselor or Hockinson High School administration.

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Graduation requirements, college/program entrance requirements, building a master schedule, school funding, determining which teachers teach which courses - all of this hinges on forecasting. So take your time and choose your classes wisely.

But - this can also be a lot of fun! You're planning for your future. Enjoy the process! Remember, students will perform best when a program is selected that includes courses that are personally interesting and at an appropriate level of challenge.

We have a lot to offer and we want you to make the best decisions. Do not hesitate to ask questions. Go Hawks!

Sincerely,

Mr. Fox and the HHS Team

New and Noteworthy for 2024-2025

Every year, we modify courses based on student interest and need. We also consider graduation and possible career pathways when adding or removing courses. Below are some new courses we will be offering at Hockinson High School.

Principles of Engineering (CTE) - Principles of Engineering is intended to be taken after Introduction to Engineering. Students will explore a broad range of engineering concepts, careers, and solve real-world engineering problems. By taking this course, as well as Introduction to Engineering, students will complete a CTE Graduation Pathway.

PEID 110 Beginning Badminton (PE through Central Washington University - College in the High School Program) - Beginning badminton is designed to introduce the student to the knowledge and basic skills of badminton and to develop those skills to a level that enables the student to participate in the sport at a beginning level. Students will also explore other racquet sports like tennis and pickleball. Students who successfully complete this course can receive one (1) university credit through CWU. Registration with CWU is required. *[This is a ZERO PERIOD class, which means that students must provide their own transportation. Students in ZERO PERIOD classes are also required to carry a full regular schedule.]*

Financial Algebra (CTE and Math) - Financial Algebra applies high-school level algebra to real-life financial situations such as evaluating expenses, banking services, consumer credit, automobile ownership, employment basics, income taxes, independent living, the stock market, modeling a business, planning for retirement, and preparing a budget. This course is NOT a college-preparatory course and does NOT confer college credit, but students planning to attend college are very welcome to take this course in addition to the CPM Algebra 2, AP PreCalculus, Calculus, and/or Statistics pathways toward college admission. *(This class is intended to serve as a third-year of math for Juniors and Seniors)*

Schedule Changes

Please select courses carefully! It is important for students to engage in thoughtful planning of which courses they would like to take in alignment with their High School and Beyond Plan. To do this well, it is important for students and families to learn about the variety of courses and work together with their counselor in the spring to solidify their next year's course schedule for both semesters. Schedule changes should only be made for necessary reasons. Please note the additional facts related to schedule changes:

- Schedule change requests should primarily be for where there is an error (i.e. missing course, duplicate class) or a level misplacement. Students who wish to drop an AP, Honors, or CWU-level course must meet with administration.
- Changes are subject to availability in classes. For this reason, it is important that students choose courses in the spring that they intend to remain in for the entire school year.
- Seniors must list the courses for the entire senior year when they apply to most colleges. Should a change in a senior's second semester courses be needed, colleges must be notified of those changes. Should it appear that a student is moving to an easier load in the final semester, it can reduce the chances of admission and merit scholarship qualification. Seniors are advised to select their courses carefully for the entire school year and plan to remain in them.

Graduation Requirements

High school students must fulfill the following requirements to receive a high school diploma. These requirements, set by the Washington State Board of Education and the Hockinson School District Board of Directors, help ensure graduates have a solid foundation of skills and knowledge to be prepared for the next steps in life.

1. High School and Beyond Plan:

Students develop a plan for meeting the high school graduation requirements and for connecting successfully to their next steps in life. A student's plan should include the classes needed in preparation for a two- or four-year college, a vocational or technical school, a certificate program, or the workforce. Students complete and update the High School and Beyond Plan annually.

2. Graduation Pathway:

Smarter Balance Assessments (SBA) are currently administered in these areas: English Language Arts (ELA), Math, and Science (for the class of 2021 and beyond). Students who are unable to meet standard by passing the SBAs may qualify for other options for meeting state graduation requirements. Students and families should work with their School Counselor and/or special education case manager to stay on track for meeting requirements. For more information about state requirements, refer to the [OSPI site on graduation pathways](#).

3. Credit Requirements: Students must earn a minimum of 24 credits in content areas such as language arts, math, science, social studies, health and fitness, fine arts, career and technical education, and electives to graduate.

English	4
Social Studies Students are required to take US History in 11th grade and Contemporary World Issues in 12th grade, which will fulfill two of the three Social Studies credits.	3
Mathematics	3
Science All 9th grade students will take Integrated Science 1, 10 th grade Integrated Science 2 or AP Biology	3
Career and Technical Education (CTE)	1
Fitness	1.5
Health	.5
Fine Arts	2*
World Language	2**
Electives	4
Washington State History	Required
Total	24

* One credit of Art can be substituted as part of a student's Personalized Pathway

** Up to two credits of World Language can be substituted as part of a student's Personalized Pathway

Personalized Pathway Requirements are related courses that lead to a specific post-high school career or educational outcome chosen by the student based on the student's interests and High School and Beyond Plan that may include Career and Technical Education, and are intended to provide a focus for the student's learning.

Four Year Planning Guide

Required Classes	0.5 Credit	0.5 Credit	Required Classes	0.5 Credit	0.5 Credit
English 9 or Honors English 9	<input type="checkbox"/>	<input type="checkbox"/>	Health	<input type="checkbox"/>	
English 10 or Honors English 10	<input type="checkbox"/>	<input type="checkbox"/>	PE	<input type="checkbox"/>	<input type="checkbox"/>
English 11 or AP Lang and Comp	<input type="checkbox"/>	<input type="checkbox"/>	PE	<input type="checkbox"/>	
English 12 or AP Lit and Comp	<input type="checkbox"/>	<input type="checkbox"/>	Total Health (0.5) and PE (1.5) Credits Needed		
Total English Credits Needed (4.0)			Career Technology Education (CTE)	<input type="checkbox"/>	<input type="checkbox"/>
WA State History (in 7th Grade)	Non-credit need		Total CTE Credits Needed (1.0)		
AP Human Geo or World History or AP World History	<input type="checkbox"/>	<input type="checkbox"/>	Fine Arts	<input type="checkbox"/>	<input type="checkbox"/>
US History or AP US History	<input type="checkbox"/>	<input type="checkbox"/>	Fine Arts or PPR	<input type="checkbox"/>	<input type="checkbox"/>
Civics and CWI (one semester each) or AP Comp Gov (year-long)	<input type="checkbox"/>	<input type="checkbox"/>	Total Fine Arts (2.0) or 1.0 Fine Arts and 1.0 PPR		
Total Social Studies Credits Needed (3.0)			1st Year World Language or PPR	<input type="checkbox"/>	<input type="checkbox"/>
Integrated 1	<input type="checkbox"/>	<input type="checkbox"/>	2nd Year World Language or PPR	<input type="checkbox"/>	<input type="checkbox"/>
Integrated 2 or AP Biology	<input type="checkbox"/>	<input type="checkbox"/>	Total World Language (2.0) or PPR		
3rd Year Science	<input type="checkbox"/>	<input type="checkbox"/>	Elective	<input type="checkbox"/>	<input type="checkbox"/>
4th Year Science (recommended for students who want to pursue a STEM career)	<input type="checkbox"/>	<input type="checkbox"/>	Elective	<input type="checkbox"/>	<input type="checkbox"/>
Total Science Credits Needed (3.0)			Elective	<input type="checkbox"/>	<input type="checkbox"/>
Algebra 1	<input type="checkbox"/>	<input type="checkbox"/>	Elective	<input type="checkbox"/>	<input type="checkbox"/>
Geometry	<input type="checkbox"/>	<input type="checkbox"/>	Total Elective Credits Needed (4.0)		
Algebra 2 or equivalent	<input type="checkbox"/>	<input type="checkbox"/>			
4th Year Math (recommended for students who want to pursue a STEM career)	<input type="checkbox"/>	<input type="checkbox"/>			
Total Math Credits Needed (3.0)					

Personalized Pathway (PPR)

Students may use a PPR class for 1 of the 2 required Art Credits and/or up to 2 credits of the World Language requirement. Students may choose alternative classes based on their career interest. For example, a student who is interested in Computer Science as a career may take Programming or Computer Science coursework instead of the second credit of art. Talk to your counselor about this if you have questions.

Weighted Grades

College in the High School courses (Advanced Placement and Central Washington University only) will receive weighted consideration to determine academic honors, including Valedictorian and Salutatorian honors. Running Start courses and online courses do not qualify for weighting.

Important College Planning Considerations

Senior Year Math-Based Quantitative Course: For college admissions students must earn a credit in a math-based quantitative course during their senior year. This requirement may be met in one of many ways during a student's senior year.

- * By completing the third year of the minimum math course requirements in the student's senior year (Algebra 2)
- * By completing an advanced level math course (Pre-Calculus, AP Calculus)
- * By completing a math-based quantitative course (AP Stats, AP Computer Science Principles, AP Computer Science A)
- * By completing an algebra-based science course (Chemistry, Physics)

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 college bound students to take meaningful math-based course in their senior year. Exception: Completion of higher-level math prior to the senior year exempts students from the senior-year quantitative course requirement (e.g., PreCalculus or Calculus).

Science: 3 years of science credit is required to graduate. Two years must be laboratory sciences. It is strongly recommended that students planning to major in science-related fields complete at least four years of science, two years being lab science.

World Language: Minimum of two years of study in a single language.

Late Starts and Early Releases

The expectation is that all students are full-time students meaning they have a full class load. This includes students in other programs like Running Start, Cascadia Tech, or HVA.

Students will not be granted Late Starts and Early Releases on their schedule unless they have a Worksite Learning (paid) or Work-Based Learning (internship) opportunity that is approved ahead of time. See your counselor for more details.

College in the High School

The courses listed below are articulated with Clark College or Central Washington University. College credits, including those awarded through direct transcription, may or may not transfer directly to a specific department or university. It is the responsibility of the student to consult with institutions concerning specific credit transfer and admissions requirements. HHS is not involved with college transcript requests, the transfer evaluation or communication between institutions of higher education regarding specific students.

This program is intended to provide students a course option consisting of attendance in the high school while simultaneous earning of university or college credit. Students earn grades as they would in the regular high school class through assignments and assessments. The granting of college credit is not dependent on one final assessment, as it is with the AP program. Some courses require students to take a final at the end of each semester.

Who is eligible?

- Students in grades 10-12 have a right granted by the State Legislature to participate in Dual Credit classes.
- Students may take any class for which they are eligible. However, some courses have prerequisites that must be met either by placement tests (Accuplacer taken here at HHS, Smarter Balanced Assessments), or successfully passing previous coursework.
- There is a \$15 fee for Accuplacer exams. Hockinson High School covers the cost of the exam on the first attempt.

What are the benefits?

- Significant Financial savings: Saving thousands on future university tuition.
- Students earn university credit while still being part of their high school campus (services, transportation, support, and safety).
- Schedule follows high school calendar, unlike Running Start where a student may have conflicting schedules off-campus.

Important Considerations

- Grades become part of a student's permanent record both for high school and their college transcript.
- College credit may or may not be transferable to other college programs - check with college of choice to make certain, especially out-of- state institutions.

High School Course Name	College Course Code	Credits	College
AP PreCalculus	MATH 153 + MATH 154	2.0 High School Math 10 University Credits	Central Washington University
AP Statistics	MATH 211	1.5 High School Math 5 University Credits (2nd Semester)	Central Washington University
ENST 201 Earth as an Ecosystem (1st semester of Environmental Science sequence)	ENST 201	1.0 High School Science 5 University Credits	Central Washington University
ENST 202 Environment and Society (2nd semester of Environmental Science sequence)	ENST 202	1.0 High School Science 5 University Credits	Central Washington University
MUS 103 History of Rock	MUS 103	1.0 High School Art or Elective 5 University Credits	Central Washington University
PEF 113 Weight Training	PEF 113	0.5 High School PE 1 University Credit	Central Washington University
PEID 110 Beginning Badminton	PEID 110	0.5 High School PE 1 University Credit	Central Washington University
SPAN 151 First Year Spanish (1st Semester Spanish 3)	SPAN 151	0.5 High School World Language 5 University Credits	Central Washington University
SPAN 152 First Year Spanish (2nd Semester Spanish 3)	SPAN 152	0.5 High School World Language 5 University Credits	Central Washington University
SPAN 153 First Year Spanish (1st Semester Spanish 4)	SPAN 153	0.5 High School World Language 5 University Credits	Central Washington University
AP Computer Science Principles	CTEC 121	1.0 High School CTE or Math (3rd Year) 5 College Credits	Clark College
Career Choices	BUS 148	0.5 High School CTE 3 College Credits	Clark College
Financial Literacy	BUS 160	0.5 High School CTE 5 College Credits	Clark College
Entrepreneurship	BUS 115	0.5 High School CTE 3 College Credits	Clark College

English

English 9

Course open to grades: 9
Length of class: 2 semesters
Credit: .5 per semester
Prerequisite: None
Grad Requirement: English

English 9 is an introductory high school level course of study in reading, writing and verbal communication. The course includes reading and analysis of informational and literary texts, improving writing through an examination and application of modes, traits, styles, and purposes. It also includes instruction in reading strategies and the techniques of explanatory and argumentative writing.

Honors English 9

Course open to grades: 9
Length of class: 2 semesters
Credit: .5 per semester
Prerequisite: None
Grad Requirement: English

Emphasizing advanced English skills, this course is designed to provide students with an advanced understanding in reading, writing, speaking, rhetoric, and listening standards. Additionally, SAT vocabulary, SAT grammar, and AP essay writing will be stressed as skills necessary to prepare the student for college.

English 10

Course open to grades: 10
Length of class: 2 semesters
Credit: .5 per semester
Prerequisite: English 9
Grad Requirement: English

English 10 is an advanced course of study in reading, writing and verbal communication. The course includes extensive reading and analysis of informational and literary texts, with emphasis on multi-cultural texts. It also includes instruction in reading strategies and the techniques of explanatory, argumentative and narrative writing.

Honors English 10

Course open to grades: 10
Length of class: 2 semesters
Credit: .5 per semester
Prerequisite: English 9
Grad Requirement: English

Honors English 10 is an in-depth study of works of literature across cultures and time periods. Instructional emphasis is given to literary analysis incorporating the language of literary terms and techniques. Reading instruction is focused on the development of advanced literal, evaluative and inferential reading skills. The course requires significant reading, analysis, research, and writing. The pace and rigor of this course prepares students for Advanced Placement courses.

English 11

Course open to grades: 11
Length of class: 2 semesters
Credit: .5 per semester
Prerequisite: English 10
Grad Requirement: English

Students read American prose, both fiction and nonfiction, written in a variety of periods, disciplines, and rhetorical contexts. They write for a variety of purposes, in a variety of forms, and on a variety of subjects from “personal experiences to public policies, from imaginative literature to popular culture.” As students analyze and interpret writing, they identify and explain rhetorical devices/strategies. Students complete a scholarly research paper, and the course will prepare students for career/college options.

English

AP English Language and Composition

Course open to grades: 11
Length of class: 2 semesters
Credit: .5 per semester
Prerequisite: English 10
Grad Requirement: English

AP Language and Composition is equivalent to a one-year, introductory college course. As such, students are expected to read widely and earnestly engage in an ongoing scholarly pursuit of styles, and purposes. It also includes instruction in reading strategies and the techniques of explanatory and argumentative writing.

AP Language and Composition engages students:

- in becoming skilled readers of prose
- in becoming skilled writers who compose for a variety of purposes.

AP Language and Composition students will:

- write for a variety of purposes – analysis, interpretation, persuasion
- complete a scholarly research paper after the formal AP examination in May

English 12

Course open to grades: 12
Length of class: 2 semesters
Credit: .5 per semester
Prerequisite: English 11
Grad Requirement: English

Students will read widely, write extensively, and participate in discussions. Students will write for a variety of purposes and in a variety of forms. The reading focus is designed to encourage students' interest in multiple genres.

AP English Literature and Composition

Course open to grades: 12
Length of class: 2 semesters
Credit: .5 per semester
Prerequisite: English 11
Grad Requirement: English

AP Literature and Composition is equivalent to a one-year, introductory college course. As such, students are expected to read widely and earnestly engage in an ongoing scholarly pursuit of understanding. The course requires extensive homework and includes formal AP test practice sessions. The reading content includes both fiction and nonfiction. This course assumes that students already understand and use standard English grammar.

AP Literature and Composition engages students:

- in in-depth reading of texts drawn from multiple genres, periods, and cultures
- in reading deliberately and thoroughly
- in the experience, interpretation, and evaluation of literature

AP Literature and Composition students will:

- write in a variety of forms – critical analysis of literature, expository, argumentative, and creative
- increase their ability to explain clearly, cogently, even elegantly, what they understand about literary works and why they interpret them as they do.

Math

Algebra I

Course open to grades: 9-10
Length of class: 2 semesters
Credit: .5 per semester
Prerequisite: Math 8 or equivalent, or Intro to Computer Science
Grad Requirement: Math

A first year study of the concepts and problem solving strategies of Algebra. Topics include multiple representations of mathematical relationships between quantities, mathematical reasoning, linear and exponential relationships, descriptive statistics, expressions and equations, quadratic functions, and modeling with mathematics.

Students successfully completing Algebra I should be prepared to study Geometry. High school graduation requires 1.0 credit in Algebra I, 1.0 credit in Geometry, and 1.0 credit in a third-year math course, typically Algebra II.

Geometry (Honors Option)

Course open to grades: 9-11
Length of class: 2 semesters
Credit: .5 per semester
Prerequisite: Algebra I
Grad Requirement: Math (does NOT replace Algebra I)

Plane, solid, and analytic geometry, in the context of mathematical logic and proof. Topics include congruence, similarity, right triangles, trigonometry, circles, expressing geometric properties with equations, geometric measurement and dimension, probability, and modeling with mathematics.

Students successfully completing Geometry with a "C" or better should be prepared to study Algebra II. High school graduation requires 1.0 credit in Algebra I, 1.0 credit in Geometry, and 1.0 credit in a third-year math course, typically Algebra II.

Students may opt in to HONORS Geometry, which covers the same content areas with more rigorous, in-depth problems. HONORS is highly recommended for students intending to take Pre-Calculus, Calculus, or pursue a STEM major in college.

Algebra II (Honors Option)

Course open to grades: 10-12
Length of class: 2 semesters
Credit: .5 per semester
Prerequisite: Algebra I and Geometry
Grad Requirement: Math

Algebra II builds on the mathematical skills developed in Algebra I and Geometry. Students study equations, inequalities, and functions involving sequences, quadratic expressions, exponential expressions, logarithms, polynomials, rational expressions, radical expressions, trigonometry, and the unit circle.

Students earning a "B" or better second semester of Algebra II are qualified to study college level math at Hockinson High School and Clark College. 1.0 credit in Algebra II is also a prerequisite for admission to most 4-year colleges and universities.

Students may opt in to HONORS Algebra II, which covers the same content areas with more rigorous, in-depth problems. HONORS is highly recommended for students intending to take Pre-Calculus, Calculus, or pursue a STEM major in college.

Financial Algebra *NEW FOR 2024-2025

Course open to grades: 11-12
Length of class: 2 semesters
Credit: .5 per semester
Prerequisite: Algebra I
Grad Requirement: Math, CTE

Financial Algebra applies high-school level algebra to real-life financial situations such as evaluating expenses, banking services, consumer credit, automobile ownership, employment basics, income taxes, independent living, the stock market, modeling a business, planning for retirement, and preparing a budget. This course is NOT a college-preparatory course and does NOT confer college credit, but students planning to attend college are very welcome to take this course in addition to the CPM Algebra 2, AP PreCalculus, Calculus, and/or Statistics pathways toward college admission. Students can take this as a third-year math option.

Math

Modeling Our World With Mathematics

Course open to grades: 11-12

Length of class: 2 semesters

Credit: .5 per semester

Prerequisite: Algebra I and Geometry

Grad Requirement: Math

Modeling Our World with Mathematics is intended for students who have earned credit for Algebra I and Geometry but may NOT yet be ready to study Algebra II. Modeling Our World with Mathematics can serve as a third-year math credit for the purpose of high school graduation, but is not sufficient for admission to most four-year colleges or universities. Students completing Modeling with Mathematics with a “C” or better would be prepared to study Algebra II.

Modeling Our World with Mathematics contains career-connected, thematic units using high school mathematics to analyze everyday life and work. Units include civic readiness, finances for life, health and fitness, digital world, and arts and music.

MATH 153/154 PreCalculus (CWU)

Course is open to grades: 10-12

Length of class: 2 semesters

Credit: 1.0 per semester + students are eligible for 5 Central Washington University credits per semester

Prerequisite: “B” or better in Algebra II or Honors Algebra II, or teacher recommendation. HONORS Geometry and HONORS Algebra II are highly recommended.

Grad Requirement: Math (does NOT replace Algebra I, Geometry, or Algebra II)

A rigorous study of the required mathematics for calculus, including advanced topics in algebra, plane geometry, trigonometry, analytic geometry, sequences, series, limits, vectors, matrices, parametric equations, and complex numbers. Highly recommended for any student intending a STEM major in college.

Students may choose to pay for college credit through Central Washington University, 5 credits per semester. Fall semester students may earn 5 credits for CWU’s MATH 153 PreCalculus Mathematics I : A foundation course which stresses those algebraic and elementary function concepts together with the manipulative skills essential to the study of calculus. Spring semester students may earn 5 credits for CWU’s MATH 154 PreCalculus Mathematics II : A continuation of MATH 153 with emphasis on trigonometric functions, vectors, systems of equations, the complex numbers, and an introduction to analytic geometry.

Students may also opt to pay for the AP test to potentially earn college credit for this course.

MATH 211 AP Statistics (CWU)

Course is open to grades: 10-12

Length of class: 2 semesters

Credit: .50 Sem 1 & 1.0 Sem 2. Students are eligible for 5 Central Washington University credits for second semester

Prerequisites: Algebra I, Geometry, and Algebra II

Grad requirement: Math (does NOT replace Algebra I, Geometry, or Algebra II)

AP Statistics is an introductory college-level statistics course that introduces students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Students cultivate their understanding of statistics using technology, investigations, problem solving, and writing as they explore concepts like variation and distribution; patterns and uncertainty; and data-based predictions, decisions, and conclusions.

Students may choose to pay for college credit through Central Washington University. During the Spring semester students may earn 5 credits for CWU’s MATH 211 Statistical Concepts and Methods: An introduction to statistics for any student. Topics include exploratory data analysis, regression, sampling distributions, hypothesis testing, and confidence intervals. Course emphasizes applied data analysis and includes use of statistical software.

Students may also opt to pay for the AP test to potentially earn college credit for this course.

Math

AP Calculus: AB Differential and Integral Calculus

Course is open to grades: 11-12

Length of class: 2 semesters

Credit: .5 per semester

Prerequisite: "B" or better in PreCalculus

Grad Requirement: Math (does NOT replace Algebra I, Geometry, or Algebra II)

AP Calculus AB is designed to be the equivalent of a first semester college calculus course devoted to topics in differential and integral calculus. Students study the concepts, methods, and applications of the big ideas of calculus (e.g., modeling change, approximation and limits, and analysis of functions), using definitions and theorems to build arguments and justify conclusions. The course features a multi-representational approach to calculus, with concepts, results, and problems expressed graphically, numerically, analytically, and verbally. Exploring connections among these representations builds understanding of how calculus applies limits to develop important ideas, definitions, formulas, and theorems. A sustained emphasis on clear communication of methods, reasoning, justifications, and conclusions is essential.

This course is designed to prepare students to take the Calculus AB Advanced Placement Exam. Students wanting to prepare for Calculus BC will need to study the additional topics on an individual basis.

Students may opt to pay for the AP test to potentially earn college credit for this course.

AP Computer Science Principles

Course is open to grades: 10-12

Length of class: 2 semesters

Credit: .5 per semester + students are eligible for 5 Clark College credits

Prerequisite: Algebra 1 or Intro to Computer Science

Grad requirement: CTE or Math (does NOT replace Algebra I, Geometry, or Algebra II)

AP Computer Science Principles introduces students to the breadth of the field of computer science. In this course, students will learn to design and evaluate solutions and to apply computer science to solve problems through the development of algorithms and programs. They will incorporate abstraction into programs and use data to discover new knowledge. Students will also explain how computing innovations and computing systems, including the Internet, work, explore their potential impacts, and contribute to a computing culture that is collaborative and ethical. Programming languages may include Scratch, Python, and others. AP Computer Science Principles is equivalent to a first-semester, college-level breadth course in computer science.

Students earning a "B" or better second semester may opt to earn 5 FREE college credits through Clark College as CTEC 121 Intro to Programming & Problem Solving: Fundamental concepts related to designing and writing computer programs and procedures. Topics include problem-solving techniques, program design, coding, debugging, testing and documentation. Students will use the Python programming language to write simple programs while being exposed to concepts common to all programming. The course serves as an available prerequisite pathway for further studies in programming.

Students may also opt to pay for the AP test to potentially earn college credit for this course.

AP Computer Science A

Course is open to grades: 10-12

Length of class: 2 semesters

Credit: .5 per semester

Prerequisite: Algebra 1 or Intro to Computer Science

Grad requirement: CTE or Math (does NOT replace Algebra I, Geometry, or Algebra II)

AP Computer Science A introduces students to computer science through programming. Fundamental topics in this course include the design of solutions to problems, the use of data structures to organize large sets of data, the development and implementation of algorithms to process data and discover new information, the analysis of potential solutions, and the ethical and social implications of computing systems. The course emphasizes object-oriented programming and design using the Java programming language. AP Computer Science A is equivalent to a first-semester, college-level course in computer science.

Students may opt to pay for the AP test to potentially earn college credit for this course.

Math

Intro to Computer Science

Course open to grades: 9-12

Length of class: 2 semesters

Credit: .5 per semester

Prerequisite: None

Grad Requirement: CTE or Math (does NOT replace Algebra I, Geometry, or Algebra II)

Students develop programming, logic, data analysis, and problem-solving skills using a wide variety of engaging activities, which also build and strengthen students' mathematical concepts and skills in computer science contexts.

College Prep Algebra

Course is open to grades: 12

Length of class: 2 semesters

Credit: .5 per semester

Prerequisites: Algebra I, Geometry, and Algebra II

Grad Requirement: Math (does NOT replace Algebra I, Geometry, or Algebra II)

College Prep Algebra is intended for students who have earned credit for Algebra I, Geometry, and Algebra II, but may not yet be ready to study college level mathematics.

College Prep Algebra is designed to help prepare students for entrance into introductory college level mathematics courses. Topics include building and interpreting functions (linear, quadratic, and 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 engaging mathematical activities that build flexible thinking and growth mindset.

Students earning at least a B in College Prep Algebra will be allowed to enter into a non-STEM-pathway college mathematics course (Statistics, Math in Society, etc.) in Washington State Community Colleges, as well as Eastern Washington University.

Science

Integrated Science 1

Course open to grades: 9
Length of class: 2 semesters
Credit: .5 per semester
Prerequisite: None
Grad Requirement: Lab Science

The first year of this inquiry-based course is a study of the principles and concepts concerning the physical world and its integration with the structure, processes, and resources on Earth and the Cosmos. Aligned to Washington State's required science standards and practices, the content includes: scientific theories of the origin of matter, the formation of solar systems, the nature of matter and its transformation, the coevolution of the Earth's systems and life, genetics, cells, the Earth's interaction with cosmic forces, plate tectonics, climate, natural hazards, and the impacts of resource extraction and use. This course emphasizes the study and proper use of fundamental science tools including the metric system, periodic table, graphing.

Integrated Science 2

Course open to grades: 10
Length of class: 2 semesters
Credit: .5 per semester
Prerequisite: Integrated 1
Grad Requirement: Lab Science

The second year of this inquiry-based course is a continuation of the study of the principles and concepts concerning the physical world and its integration with the structure, process, and resources on Earth and the Cosmos. Aligned to Washington State's required science standards and practices, the content includes: the motion of the Solar System, the energy of the Sun, electromagnetic radiation, nuclear energy, waves, matter and energy cycles, chemical reactions and engineering, magnetism, Newton's Laws, and how this all impacts the ecosystem and humans. This course emphasizes the study and proper use of fundamental science tools including the metric system, periodic table, and graphing.

AP Biology

Course open to grades: 10-12
Length of class: 2 semesters
Credit: .5 per semester
Prerequisite: B in Integrated Science or Teacher Recommendation
Grad Requirement: Lab Science

A fast-paced comprehensive survey of general biology that includes biochemistry, cellular biology, molecular genetics and heredity, biotechnology, evolution and diversity. Descriptive and experimental lab exercises are a vital part of this experience and are about 25% of the time spent in class. The AP Biology course is a fast-paced, college content course designed to be the equivalent of a two-semester college introductory biology course. This course differs from 10th grade Biology with respect to the kind of textbook used, the range and depth of topics covered, the scope of laboratory work, and the time and effort required of students. Due to the depth and breadth of content in the AP exam, students typically benefit from strong reading and independent study skills. The two main goals of AP Biology are to help students develop a conceptual framework for modern biology and to help students gain an appreciation of science as a process. Two Saturday labs may be required. All students should plan to take the AP Exam- a major goal and outcome of this class.

Physics

Course open to grades: 11-12
Length of class: 2 semesters
Credit: .5 per semester
Prerequisite: Geometry
Grad Requirement: Lab Science

A medium-paced class in the area of physical sciences, Physics is designed to teach students about the answers to the fundamental question of, "How does the universe work?" The course includes reading, research and experimentation on topics which may include the following:

1-D kinematics, Newton's Laws, Vectors, Momentum and its Conservation, Work Energy and Power, Thermal Physics, Static Electricity, Electric Circuits, Vibrations and Waves, Sound Waves and Music, Light Waves and Color.

All students are required to read a variety of materials, including the textbook, supplemental books, and magazine articles. Additionally, students will complete assigned experiments, research and present a physics topic. This course includes a faster, but more in-depth, coverage of the Washington State physical and earth science standards as they pertain to physics.

Science

Chemistry

Course open to grades: 11-12
Length of class: 2 semesters
Credit: .5 per semester
Prerequisite: Algebra
Grad Requirement: Lab Science

A medium-paced class in the area of physical sciences. Chemistry is designed to teach the student about the answers to two fundamental questions: "What are things made of?" and "Why do things behave and react as they do?" The course includes reading, research and experimentation on topics which include, but are not limited to, the following:

- Alchemy and the History of Chemistry
- Atomic Theory and the Periodic Table
- Atomic/Molecular Structure and Chemical Bonding
- Properties of Gases
- Properties of Solutions.

All students are required to read text work, read supplemental readings (books/articles), complete assigned experiments, write responses to questions, research a chemistry topic and write a research paper related to a significant area of chemistry. Strong ability in Algebra is recommended before taking this course. You will apply algebra, including balancing equations, ratios, proportions, and conversions. This course includes a faster, and more in-depth, coverage of the Washington State physical and earth science standards as they pertain to chemistry.

AP Physics 1

Course open to grades: 11-12
Length of class: 2 semesters
Credit: .5 per semester
Prerequisite: Algebra II
Grad Requirement: Lab Science

The AP Physics course is a fast-paced, college content course designed to be the equivalent of a two-semester college introductory physics course. Physics is designed to teach students about the answers to the fundamental question of "How does the universe work?" The course includes reading, research and experimentation on topics which may include the following:

- Unit 1: Kinematics
- Unit 2: Dynamics
- Unit 3: Circular Motion and Gravitation
- Unit 4: Energy
- Unit 5: Momentum
- Unit 6: Simple Harmonic Motion
- Unit 7: Torque and Rotational Motion

All students are required to read a variety of materials including textbook, supplemental books, and scientific journal articles. Additionally, students will complete assigned experiments, write responses to daily questions, research a physics topic and write a research paper related to a significant area of modern physics work. This is a fast-paced class and students typically benefit from strong reading and independent study skills.

Science

ENST 201 Earth as an Ecosystem (CWU)

Course open to grades: 11-12

Length of class: 1 Semester

Credit: 1.0 + students are eligible for 5 Central Washington University credits

Prerequisite: None

Grad Requirement: Science

Introduction to the concept of our planet as a finite environment with certain properties essential for life and will explore dynamic nature of the earth's physical, chemical, geological, and biological processes and their interrelated "systems."

Students may choose to pay for college credit through Central Washington University, 5 credits per semester.

Environment and Society should be taken second semester as part of the Environmental Science sequence.

ENST 202 Environment and Society (CWU)

Course open to grades: 11-12

Length of class: 1 Semester

Credit: 1.0 + students are eligible for 5 Central Washington University credits

Prerequisite: None

Grad Requirement: Science

The physical and cultural dimensions of environmental problems with particular emphasis given to the interaction between ecosystems, basic resources, population dynamics, and culture. Students may choose to pay for college credit through Central Washington University, 5 credits per semester.

Earth as an Ecosystem should be taken 1st semester as part of the Environmental Science Sequence,

Animal Science/Zoology

Course open to grades: 12

Length of class: 1 semester

Credit: .5

Prerequisite: None

Grad Requirement: Lab Science

Zoology is a course that will survey the nine major phyla of the kingdom Animalia. Zoology is the study of animal life. Zoologists research everything they think to ask about animals, including their anatomy and interrelationships, their physiology and genetics, their distributions and habitats, and their evolution. There will be particular emphasis on the morphology and systematics of both vertebrates and invertebrates. This course will run the opposite semester of Science of Science Fiction.

Science of Science Fiction

Course open to grades: 12

Length of class: 1 semester

Credit: .5

Prerequisite: None

Grad Requirement: Lab Science

What do Star Wars, Star Trek, X-Men, Dune, Avatar, and other science fiction and fantasy fiction favorites have to do with science? Everything! Investigate the science behind the science and fantasy fiction in a course designed to engage you in the reality behind the magic - "Learn science, you will." By engaging in the Common Core and Next Generation Science Standards you will discover and explore everything from genetic mutations to warp speed to dark matter. No need to roll the Dragon Dice to determine the probability of having fun in this course. This course will run the opposite semester of Animal Science/Zoology.

Social Studies

AP Human Geography

Course open to grades: 9-12
Length of class: 2 semesters
Credit: .5 per semester
Prerequisite: None
Grad Requirement: Social Studies

AP Human Geography introduces students to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of Earth's surface. Students employ spatial concepts and landscape analysis to examine socioeconomic organization and its environmental consequences. They also learn about the methods and tools geographers use in their research and applications. The curriculum reflects the goals of the National Geography Standards (2012). The course is equivalent to an introductory college-level course in human geography.

World History

Course open to grades: 10
Length of class: 2 semesters
Credit: .5 per semester
Prerequisite: None
Grad Requirement: Social Studies

Students analyze the social, cultural, and economic influences and interactions of civilizations and empires. Emphasis will be placed on war, social change, and political transformation.

AP World History

Course open to grades: 10
Length of class: 2 semesters
Credit: .5 per semester
Prerequisite: None
Grad Requirement: Social Studies

In AP World History: Modern, students investigate significant events, individuals, developments, and processes from 1200 to the present. Students develop and use the same skills, practices, and methods employed by historians: analyzing primary and secondary sources; developing historical arguments; making historical connections; and utilizing reasoning about comparison, causation, and continuity and change over time. The course provides six themes that students explore throughout the course in order to make connections among historical developments in different times and places: humans and the environment, cultural developments and interactions, governance, economic systems, social interactions and organization, and technology and innovation.

US History

Course open to grades: 11
Length of class: 2 semesters
Credit: .5 per semester
Prerequisite: None
Grad Requirement: Social Studies

In this one year course, students examine the major ideas, eras, themes, developments, turning points, chronology, and cause-and-effect relationships in United States history. They assess historical materials and determine their relevance, reliability, and importance. They investigate historical events, compare and contrast interpretations of historical events, and assess the impact of ideas and technological developments on social change.

AP US History

Course open to grades: 11
Length of class: 2 semesters
Credit: .5 per semester
Prerequisite: Met English 10 standards
Grad Requirement: Social Studies

The scope and content of the Advanced Placement United States History course is equivalent to a one year, introductory college course. As such, students are expected to read widely and earnestly engage in an ongoing scholarly pursuit of understanding. The course requires extensive homework and includes formal AP test practice sessions. It is designed, "to provide students with the analytical skills and factual knowledge necessary to deal critically with the problems, issues, and materials in U.S. History. Students will assess historical materials – their relevance to a given interpretive problem, their reliability and their importance – and weigh the evidence and interpretations presented in historical scholarship." (College Board) As a college level course, students will read widely and write extensively.

Social Studies

Contemporary World Issues

Course open to grades: 12
Length of class: 1 semester
Credit: .5 per semester
Prerequisite: US History
Grad Requirement: Social Studies

A critical study of global society, with a particular focus on the rights and responsibilities of US citizens and contemporary world issues, as it is defined by literature, political systems, the press and citizens. In this semester course, students read widely, write extensively, participate in seminar discussions, and complete a scholarly research paper.

Civics

Course open to grades: 12
Length of class: 1 semester
Credit: .5 per semester
Prerequisite: US History
Grad Requirement: Social Studies

In this course students will study civics and the politics, structures, processes, and policies of local, state, tribal, and national government in the United States. Students will use what they learn about government and civics to analyze current events and contemporary issues as well as related domestic and foreign policies. Reasoning, research, and group process skills will be applied to the content of the course.

AP Comparative Government and Politics

Course open to grades: 12
Length of class: 2 semester
Credit: .5 per semester
Prerequisite: Standard met in US History and English 11
Grad Requirement: Social Studies

This is a one year, college level study of the world's diverse government structures and policies. The course includes the study of 6 specific countries and the political relationships and institutions found in virtually all national politics.

Topics include:

- the constitutional, ideological and social bases of political legitimacy
- the relationship between state and society
- the relationship between citizens and states
- political institutions and frameworks
- political change

As a college level course, students will read widely and write extensively.

Psychology

Course open to grades: 10-12
Length of class: 1 semester
Credit: .5 per semester
Prerequisite: none
Grad Requirement: Social Studies

This course is a study of multiple aspects of human behavior from infancy to adulthood. Throughout the course of the semester, you will be provided with the opportunity to apply current psychological research and perspective to analyze the development of yourself and others. You will analyze modern psychological theory related to human development in areas of personality, cognition, motivation, and social development to gain a better understanding of the maturation and development process.

Health and Physical Education

Health

Course open to grades: 9-12
Length of class: 1 semester
Credit: .5 per semester
Prerequisite: None
Grad Requirement: Health and CTE

A course specifically designed to help students become more aware of their health today and in their future. Guided by the WSELR (Washington State Essential Learning Requirements), the course includes: wellness, nutrition, body systems, social, mental/emotional and physical health, decision making and public health.

Physical Education

Course open to grades: 9-12
Length of class: 1 semester
Credit: .5 per semester
Prerequisite: None
Grad Requirement: PE

The focus of this course is to explore and develop the main components of physical fitness (muscular strength, muscular endurance, flexibility, cardiovascular fitness, and body composition). Students will focus on their own personal fitness and build a foundation for lifelong health and fitness knowledge through a variety of individual and team sports, weight training, aerobic activities and fitness labs.

Personal Fitness

Course open to grades: 9-12
Length of class: 1 semester
Credit: .5 per semester
Prerequisite: None
Grad Requirement: PE

Personal Fitness presents strategies and techniques for students to improve and learn about their personal fitness and health. The focus will be on the five components of fitness through a variety of traditional and non-traditional training methods. Some of the activities include body sculpting, circuits, Yoga, Aerobics, running, walking and strength training. Students can expect to monitor their personal fitness and develop strategies for lifelong fitness.

Sports Development

Course open to grades: 9-12
Length of class: 1 semester
Credit: .5 per semester
Prerequisite: None
Grad Requirement: PE

This physical education class is designed specifically for high school students who want to improve their athletic performance. Sports Development will provide the student the opportunity to become bigger, faster and stronger. The focus of this course is speed and muscular strength. All five components of physical fitness will be addressed: muscular strength, muscular endurance, flexibility, cardiovascular fitness, and body composition.

PEF 113 Weight Training (CWU)

Course open to grades: 10-12
Length of class: 1 semester
Credit: .5 per semester + students are eligible for 1 Central Washington University credit
Prerequisite: None
Grad Requirement: PE

Weight Training is designed to enhance the student's knowledge and practices regarding the basic techniques of weight training.

Upon successful completion of this course, the student will be able to:

- Perform basic weight training exercise
- Perform exercises according to principles of training
- Exhibit an understanding of basic musculoskeletal anatomy and its relation to weight training
- Demonstrate good knowledge of the fundamentals of weight training

Health and Physical Education

PEID 110 Beginning Badminton (CWU) *NEW FOR 2024-2025

Course open to grades: 9-12

Length of class: 1 semester

Credit: .5 per semester + students are eligible for 1 Central Washington University credit

Prerequisite: None

Grad Requirement: PE

Beginning Badminton (PE through Central Washington University - College in the High School Program) - Beginning badminton is designed to introduce the student to the knowledge and basic skills of badminton and to develop those skills to a level that enables the student to participate in the sport at a beginning level. Students will also explore other racquet sports like tennis and pickleball. Students who successfully complete this course can receive one (1) university credit through CWU. Registration with CWU is required.

[This is a ZERO PERIOD class, which means that students must provide their own transportation. Students in ZERO PERIOD classes are also required to carry a full regular schedule.]

World Languages

Spanish 1

Course open to grades: 9-12
Length of class: 2 semesters
Credit: .5 per semester
Prerequisite: None
Grad Requirement: World Language

This course offers an introduction to the Spanish speaking world. The emphasis is learning vocabulary and grammar concepts that allow the student to communicate in Spanish at a novice level. Students will have an opportunity to learn and explore new ideas while examining the various cultures of Spanish speaking countries.

Spanish 2

Course open to grades: 9-12
Length of class: 2 semesters
Credit: .5 per semester
Prerequisite: Spanish 1 (C- or higher)
Grad Requirement: World Language

A continuation of vocabulary and grammar study in Spanish, the emphasis of this course is learning vocabulary and grammar concepts which allow the student to read, write and communicate in Spanish. Students have the opportunity to learn and explore new ideas while examining the various cultures of Spanish speaking countries as well as the Spanish influence in the U.S.

SPAN 151 (Spanish 3 1st Semester) and SPAN 152 (Spanish 3 2nd Semester) [CWU]

Course open to grades: 10-12
Length of class: 2 semesters
Credit: 1.0 per semester
Prerequisite: Spanish 2 (B- or higher)
Grad Requirement: World Language

This course offers an advanced study of vocabulary and grammar concepts. The emphasis of this course is developing proficiency through listening, reading, writing and speaking in Spanish. The students have the opportunity to explore cultural heritage and to prepare for further studies in the language.

SPAN 153 (Spanish 4 1st Semester) + Spanish 4 (2nd Semester) [CWU]

Course open to grades: 11-12
Length of class: 2 semesters
Credit: 1.0 for SPAN 153 1st semester; .5 for Spanish 4 2nd semester
Prerequisite: Spanish 3 (B or higher)
Grad Requirement: World Language

This course offers students an opportunity to read and discuss authentic Spanish literature. Students will continue to learn vocabulary and grammar concepts that will allow them to engage in advanced conversation. The students have the opportunity to explore cultural heritage and prepare for the multicultural and multilingual career environment.

AP Spanish Language and Culture

Course open to grades: 12
Length of class: 2 semesters
Credit: .5 per semester
Prerequisite: May only be taken as a fourth year Spanish option
Grad Requirement: World Language

The AP Spanish Language and Culture course emphasizes communication by applying interpersonal, interpretive and presentational skills in real-life situations. This includes vocabulary usage, language control, communication strategies and cultural awareness. The course is taught almost exclusively in Spanish. The AP Spanish Lang. & Culture course engages students in an exploration of cultural products, practices and perspectives. (From College Board) All students should plan to take the AP exam—a major goal and outcome of this class.

World Languages

French 1

Course open to grades: 9-12
Length of class: 2 semesters
Credit: .5 per semester
Prerequisite: None
Grad Requirement: World Language

This course offers an introduction to the French speaking world. The emphasis is learning vocabulary and grammar concepts that allow the student to communicate in French at a novice level. Students will have an opportunity to learn and explore new ideas while examining French culture.

French 2

Course open to grades: 9-12
Length of class: 2 semesters
Credit: .5 per semester
Prerequisite: French 1 (C- or higher)
Grad Requirement: World Language

A continuation of vocabulary and grammar study in French, learning vocabulary and grammar concepts that allow the student to read, write and speak in French. Students have the opportunity to explore new ideas while examining the French culture.

French 3

Course open to grades: 10-12
Length of class: 2 semesters
Credit: .5 per semester
Prerequisite: French 1 (C- or higher)
Grad Requirement: World Language

This course offers an advanced study of vocabulary and grammar concepts. The course emphasizes developing proficiency through listening, reading, writing, and speaking in French. The students have the opportunity to explore francophone cultures and to prepare for further studies in the language.

French 4

Course open to grades: 11-12
Length of class: 2 semesters
Credit: .5 per semester
Prerequisite: French 3 (C or higher)
Grad Requirement: World Language

This course offers students an opportunity to read and discuss French literature. An advanced study of grammar and vocabulary will allow students to become more proficient in reading, writing, listening and speaking. The students have the opportunity to explore francophone cultures and to prepare for further studies in the language.

Career and Technical Education

Intro to Engineering Design

Course open to grades: 9-12
Length of class: 2 semesters
Credit: .5 per semester
Prerequisite: None
Grad Requirement: CTE

This is a course in which you use your creativity plus industry-based tools and problem solving process to create solutions to interesting design challenges. Although engineering design is the focus of this course, the knowledge and skills you will learn are transferable to other technical or scientific areas of study and work. This course will introduce you to a systematic method for solving problems and for communicating your ideas and solutions. You will solve numerous technical challenges using a variety of industry-standard software– Autodesk Inventor 3D Solid Modeling and Microsoft Excel–plus fabrication devices including a 3D printer and CNC machine. The first semester lays the foundation knowledge and skills to use our 3D modeling software to design parts and assemblies. Second semester will take skill to the next level using open-ended design challenges in which you, working on your own or with a teammate, design and create a unique solution to a problem. Working individually and on teams you will learn to manage your time and other resources to accomplish your objectives.

Principles of Engineering *NEW FOR 2024-2025

Course open to grades: 10-12
Length of class: 2 semesters
Credit: .5 per semester
Prerequisite: Introduction to Engineering
Grad Requirement: CTE

Principles of Engineering™ (POE) is a high school-level survey course of engineering. It is one of two foundation courses in the Project Lead The Way® (PLTW) high school engineering pathway. This course will expose students to some of the major concepts that they will encounter in a post-secondary engineering course of study. This class focuses on problems that engage and challenge. Students explore a broad range of engineering topics, including mechanisms, the strength of structures and materials, and automation. Students develop skills in problem-solving, research, and design while learning strategies for design process documentation, collaboration, and presentation. POE gives students the opportunity to develop skills and understand course concepts through problem-based learning and hands-on activities.

The course applies and develops secondary level knowledge and skills in mathematics, science and technology. Students will be working with Autodesk Computer Aided Design (CAD) software, Vex robotics kits, Arduino, and state-of-the-art rapid prototyping technologies such as 3D printing and laser cutting to build their projects. In this course, students will be designing and creating machines and robots to demonstrate their understanding of the course curriculum. In addition to creating design solutions on the CAD software, students will use it to perform structural analyses of their designs.

Introduction to Architecture

Course open to grades: 10-12
Length of class: 1 semester
Credit: .5 per semester
Prerequisite: None
Grad Requirement: CTE

This course prepares students to apply technical knowledge and skills to develop working drawing and digital representations for architectural and construction projects. Includes instruction in basic construction and structural design; architectural rendering, architectural-aided drafting (CAD), layout and designs, architectural blueprint interpretation, building materials, and basic structural wiring diagramming.

Financial Algebra *NEW FOR 2024-2025

Course open to grades: 11-12
Length of class: 2 semesters
Credit: .5 per semester
Prerequisite: Algebra I
Grad Requirement: Math, CTE

Financial Algebra applies high-school level algebra to real-life financial situations such as evaluating expenses, banking services, consumer credit, automobile ownership, employment basics, income taxes, independent living, the stock market, modeling a business, planning for retirement, and preparing a budget. This course is NOT a college-preparatory course and does NOT confer college credit, but students planning to attend college are very welcome to take this course in addition to the CPM Algebra 2, AP PreCalculus, Calculus, and/or Statistics pathways toward college admission. Students can take this course as a third-year option.

Career and Technical Education

Wood Technology

Course open to grades: 9-12
Length of class: 2 semesters
Credit: .5 per semester
Prerequisite: None
Grad Requirement: CTE

A “hands-on” course in the application of wood technology in the design and construction of projects. Students will learn about hand tool and power equipment operation with an emphasis on proper techniques and safety, develop skills in precise measurement, constructing various wood joints utilizing a variety of fastening techniques, and learn about wood characteristics, finishing methods and materials. Students will have the opportunity to research and present a career related to a wood technology.

Wood Craftsmanship

Course open to grades: 9-12
Length of class: 1 semester
Credit: .5 per semester
Prerequisite: None
Grad Requirement: CTE

This class will focus on the arts and crafts with the use of wood products and woodworking tools. You will learn how to design and lay out a project with dimensions and the safety and uses of specific woodworking tools, all while doing smaller size projects such as signs, shelves, toys, games, picture frames, cutting boards, and keepsake boxes (to name a few). If you want to learn how to work with wood and woodworking tools you are not interested in construction or cabinetry then this class is for you!

Construction Technology

Course open to grades: 10-12
Length of class: 1 semester
Credit: .5 per semester
Prerequisite: None
Grad Requirement: CTE

This course will focus on career exploration in the field of construction, residential or commercial. It will cover theories, methods and techniques of construction, basic architectural drafting skills and blueprint reading. Topics of instruction will include job estimating, job costing, material estimation listing and introduction of basic planning codes. Students will also learn about power tools and safety.

Yearbook Publishing

Course open to grades: 9-12
Length of class: 2 semesters
Credit: .5 per semester
Prerequisite: None
Grad Requirement: Elective

The main goal of this course is for students to learn to become visual storytellers and professional event broadcasters. Students will use video equipment to express themselves through the production of video segments and short films. Students are instructed in the use of digital recorders, tripods, and editing software. Students learn how to write scripts, direct actors, recognize and utilize camera angles and shot types, and the importance of maintaining continuity and consistency. Students will learn how to live-stream school athletic and academic events, and are required to film several after school and evening events.

Advanced Yearbook Publishing can be taken as a second year of Yearbook.

Stagecraft

Course open to grades: 10-12
Length of class: 1 semester
Credit: .5 per semester
Prerequisite: none
Grad Requirement: CTE

In this class, we will be exploring all of the behind the scene “craft” of putting on productions. We will learn about set design, make-up, costumes, props, stage management, lighting, sound, and the general art of working backstage on a show. The students will become familiar with the different theatre equipment through a hands-on approach. The students will also be responsible for helping maintain the auditorium and theatre shop. The students in this class will also be working on constructing the set for the musical.

Career and Technical Education

Intro to Computer Science

Course open to grades: 9-12

Length of class: 2 semesters

Credit: .5 per semester

Prerequisite: None

Grad Requirement: CTE or Math (does NOT replace Algebra I, Geometry, or Algebra II)

Students develop programming, logic, data analysis, and problem-solving skills using a wide variety of engaging activities, which also build and strengthen students' mathematical concepts and skills in computer science contexts.

AP Computer Science A

Course is open to grades: 10-12

Length of class: 2 semesters

Credit: .5 per semester

Prerequisite: Algebra 1, Intro to Computer Science, or AP Computer Science Principles

Grad requirement: CTE or Math (does NOT replace Algebra I, Geometry, or Algebra II)

AP Computer Science A introduces students to computer science through programming. Fundamental topics in this course include the design of solutions to problems, the use of data structures to organize large sets of data, the development and implementation of algorithms to process data and discover new information, the analysis of potential solutions, and the ethical and social implications of computing systems. The course emphasizes object-oriented programming and design using the Java programming language. AP Computer Science A is equivalent to a first-semester, college-level course in computer science.

Students may opt to pay for the AP test to potentially earn college credit for this course.

AP Computer Science Principles

Course is open to grades: 10-12

Length of class: 2 semesters

Credit: .5 per semester + students are eligible for 5 Clark College credits

Prerequisite: Algebra 1 or Intro to Computer Science

Grad requirement: CTE or Math (does NOT replace Algebra I, Geometry, or Algebra II)

AP Computer Science Principles introduces students to the breadth of the field of computer science. In this course, students will learn to design and evaluate solutions and to apply computer science to solve problems through the development of algorithms and programs. They will incorporate abstraction into programs and use data to discover new knowledge. Students will also explain how computing innovations and computing systems, including the Internet, work, explore their potential impacts, and contribute to a computing culture that is collaborative and ethical. Programming languages may include Scratch, Python, and others. AP Computer Science Principles is equivalent to a first-semester, college-level breadth course in computer science.

Students earning a "B" or better second semester may opt to earn 5 FREE college credits through Clark College as CTEC 121 Intro to Programming & Problem Solving: Fundamental concepts related to designing and writing computer programs and procedures. Topics include problem-solving techniques, program design, coding, debugging, testing and documentation. Students will use the Python programming language to write simple programs while being exposed to concepts common to all programming. The course serves as an available prerequisite pathway for further studies in programming.

Students may alternately opt to pay for the AP test to potentially earn college credit for this course.

Career and Technical Education

Career Choices

Course open to grades: 10-12
Length of class: 1 semester
Credit: .5 per semester
Prerequisite: none
Grad Requirement: CTE

This course focuses on the connection between individual skills, interests and needs, and the job market. It includes instruction in the variety and scope of available employment, how to access job information, and techniques of self-analysis with regards to career exploration. The purpose of the class is to provide opportunities to: (1) explore career options through job shadow, guest speakers, a speed networking event and fieldtrip (if possible); (2) understand your own natural talents and interests and how they apply to finding your future career/industry; (3) prepare for employment upon graduation from high school, and/or prepare for further education related to the training received in high school.

Personal Finance

Course open to grades: 11-12
Length of class: 1 semester
Credit: .5 per semester
Prerequisite: none
Grad Requirement: CTE

Personal Finance places emphasis on the individual's roles and financial responsibilities as a student, citizen, family member, consumer, and employee. This class is designed to expose the student to various areas of personal finance. It will discuss sound approaches to making financial decisions, the impact they will have on their lives, and how financial situations and priorities change over time. Students will also learn to plan monthly budgets, explore investing for the future, make informed banking choices and familiarize themselves with various insurance options. Relevant topics will include: property ownership & rental, banking principles, taxes, investment, credit management, personal risk/insurance plans (auto, property and health) and automobile expenses.

Entrepreneurship

Course open to grades: 10-12
Length of class: 1 semester
Credit: .5 per semester
Prerequisite: none
Grad Requirement: CTE

Students will be responsible for learning and understanding the components of running a successful business. Students will prepare a business plan for a future business they may want to start. The following components will be part of the business plan: market analysis, competitive analysis, proposed organization, industry analysis, potential location, promotional analysis, financial reports, and executive summary. In addition to creating a business plan, students will create and implement a student company. Upon electing officers of our student corporation, students will develop a real business using stock sales for start-up capital. Students operate the business according to business principles and values. Profits will/may be used to pay back stock holders as the company members see fit. A party/celebration is another use of profits.

Office Procedures

Course open to grades: 11-12
Length of class: 1 semester
Credit: .5 per semester
Prerequisite: none
Grad Requirement: CTE

Apply skills used in an authentic office setting as an assistant to a secretary or an administrative assistant in the building. Learn to communicate using telephone and office etiquette, including confidentiality, directing calls and questions, producing business documents, filing and retrieving data using a variety of office equipment. Increase computer literacy and keyboarding speed and accuracy. Learn to dress and act professionally. Students will be directed in their work by a teacher in cooperation with an office site supervisor.

Fine and Performing Arts

Wind Ensemble

Course open to grades: 10-12
Length of class: 2 semesters
Credit: .5 per semester
Prerequisite: Audition; Enrolled in Band Previous Year
Grad Requirement: Fine Arts

A class designed to offer instrumental music students an advanced degree of music performance in the high school. This two semester class will teach the basic techniques for success in Concert Band and Marching Band at the college level. This group will be required to participate in concerts, contests and parades while learning higher level concepts of music through performance. Enrollment is by audition only and limited to students that were enrolled in band the previous year. Students will be required to travel to some competitions and contests.

Symphonic Band

Course open to grades: 9-12
Length of class: 2 semesters
Credit: .5 per semester
Prerequisite: Enrolled in Band Previous Year or with instructor approval
Grad Requirement: Fine Arts

A class designed to offer instrumental music students an intermediate degree of music performance in the high school. This two semester class will teach the basic techniques for success in Concert Band and Marching Band. This group will be required to participate in concerts, contests, and parades while learning intermediate level concepts of music through performance. Enrollment is limited to students who were enrolled in band during the previous year, or to students with previous music experience with permission of the instructor.

Percussion Ensemble

Course open to grades: 9-12
Length of class: 2 semesters
Credit: .5 per semester
Prerequisite: Enrolled in band or percussion previous year or with instructor approval
Grad Requirement: Fine Arts

A class designed to teach percussion techniques at the intermediate and advanced level of performance. This group is comprised of percussionists. This all year class will teach the basic techniques for success in Concert Band and Marching Band at the college level. This group will be required to perform at concerts, contest and parades. Students will be required to travel to some competitions and contests. Enrollment is limited to students who were enrolled in a band or percussion class during the previous year, or to students with previous music experience with permission of the instructor.

Jazz Ensemble

Course open to grades: 9-12
Length of class: 2 semesters
Credit: .5 per semester
Prerequisite: Audition / Concurrent enrollment in Symphonic Band, Wind Ensemble or Percussion
Grad Requirement: Fine Arts
Class Fee: \$65

An instrumental music class devoted to the study and performance of all jazz styles and improvisation. Performances will include contests and concerts. Attendance is required for these events. Enrollment is limited to specific instruments and acceptance to the class will be by audition only during the first week of school. You must be enrolled in Wind Ensemble, Symphonic Band, or Percussion Ensemble to audition. Students will be required to travel to some competitions and contests. This class meets during Zero Period.

Fine and Performing Arts

Guitar 1

Course open to grades: 9-12
Length of class: 1 semester
Credit: .5
Prerequisite: None
Grad Requirement: Fine Arts

Student must provide their own guitar/purchase book and CD

An introductory level class that will offer students the opportunity to learn basic skills on the acoustic guitar and explore different styles and genres of music. Students will learn guitar together as a large group and be expected to do solo and small group performances. Students will also learn basic guitar and music notation, as well as chord structures and basic music theory. All students will need to provide their own acoustic guitar and purchase a method book/CD. Guitars and books/CDs can be rented or purchased through local music stores.

MUS 103 History of Rock (CWU)

Course open to grades: 10-12
Length of class: 1 semester
Credit: 1.0 per semester + students are eligible for 5 Central Washington University Credits
Prerequisite: None
Grad Requirement: Fine Arts

History of Rock and Roll, America's second indigenous musical art form, after jazz. Emphasis placed on artists, music genres, and cultural/societal forces shaping rock's evolution, 1950s to present. Extensive listening, reading; discussion.

Upon successful completion of this course, the student will be able to:

- Employ precise musical and cultural terminology and concepts for the discussion and analysis of rock music and its history.
- Describe the influence of American and British cultural and historical traditions upon rock music, including various manifestations of racial, sexual, and gender inequality.
- Compare and contrast different examples of rock music as well as other contemporaneous popular music, demonstrating an understanding of the musical and cultural commonalities and distinctions between them.
- Evaluate rock music using aesthetic criteria, musical analysis, and critical judgment.
- Describe the geographical aspects of various rock genres' history and popularity arcs.

Art Discovery

Course open to grades: 9-12
Length of class: 1 semester
Credit: .5 per semester
Prerequisite: None
Grad Requirement: Fine Arts

Starting with a basic exploration of the elements of art and how each student can be an artist, students will be exposed to a variety of art topics and projects in Art Discovery. Students will explore topics such as the science of creativity, color theory, elements of art and principles of design, brush lettering, calligraphy, typography, watercolor, photography, and more. There will be multiple opportunities for students to explore their creative interests through independent projects and art journaling.

Drawing and Printmaking

Course open to grades: 9-12
Length of class: 1 semesters
Credit: .5 per semester
Prerequisite: None
Grad Requirement: Fine Arts

Students engage in assignments to make drawing a useful tool for expression. Emphasis is placed on the practical aspects of drawing: drawing to describe or illustrate, drawing to explore and refine ideas, drawing to enhance other academic work. Students use a variety of drawing media: graphite, pen & ink, oil pastel, conté, and vine/stick charcoal. The course includes: contour drawing, organizational drawing, gesture drawing-mass/line, technical drawing, value studies, cartooning/caricature and composite drawing. Students keep a sketchbook as well as a portfolio of completed work. Printmaking skills will be introduced and students will be required to produce multiple prints of some drawings. Students may re-take this class with instructor permission.

Fine and Performing Arts

Painting

Course open to grades: 9-12
Length of class: 1 semester
Credit: .5 per semester
Prerequisite: None
Grad Requirement: Fine Arts

Students will learn a variety of painting techniques from surface preparation to presentation. Aspects of different painting styles will be studied and used as reference for painting landscapes, portraits, still life and figural compositions. Instruction will include: watercolor, pastel, gouache, and acrylic media. Students may re-take this class for credit with instructor permission.

Ceramics/Glass

Course open to grades: 9-12
Length of class: 1 semester
Credit: .5 per semester
Prerequisite: None
Grad Requirement: Fine Arts

Students enrolled in this course engage in a series of assignments designed to explore various aspects of working with clay and glass. Students will learn design and planning concepts specific to these media. Students are expected to attend classroom demonstrations and to participate actively in classroom discussions and critique sessions. Ceramic instruction will include hand building, wheel thrown pottery, slab construction, sculptural fabrication and introduction to kiln firing and glazing techniques. Glass instruction will include an introduction to the history of glass art, basic design concepts, cutting, shaping, grinding, layering and slumping techniques and procedures. Students may re-take this class for credit with instructor permission.

Sculpture

Course open to grades: 9-12
Length of class: 1 semester
Credit: .5 per semester
Prerequisite: None
Grad Requirement: Fine Arts

Students enrolled in this course engage in a series of assignments to explore the expression of form in three-dimensions. Students learn to create art with multiple points of view, using a range of construction, carving fabrication and modeling skills and techniques, with consideration of placement and scale in a specific setting. Students use artistic understanding as an expression of ideas and culture, use criteria-based assessments and art criticism skills, and apply artistic understandings to communicate personal meaning. Students may re-take this class for credit with instructor permission.

Fine and Performing Arts

Play Production

Course open to grades: 9-12

Length of class: 1 semester

Credit: .5 per semester

Prerequisite: Audition, Theater or with instructor permission

Grad Requirement: Fine Arts

This class is designed for the serious theater student to experience and participate in all aspects of the theater through the production and performing in a full-length play. Each play will be thoroughly examined and analyzed structurally and thematically. Each actor will complete a character analysis which will be their guide in how to perform their role in the production. Students will work in teams to coordinate and design sets, costumes, props, publicity, and programs for each play. Students will also participate in a variety of challenging theater-related scenes, exercises, and projects. Students will need to be available for a minimal number of after school rehearsals and all performances.

Musical Production

Course open to grades: 9-12

Length of class: 1 semester

Credit: .5 per semester

Prerequisite: Audition, Theater or with instructor permission

Grad Requirement: Fine Arts

Attention: All actors, singers, or dancers. This class is designed for the serious theater student with an interest or talent in any element of musical theater to experience and participate in all aspects of the theater through production of and performing in a full-length Broadway musical. Each show will be thoroughly examined and analyzed structurally and thematically. Each actor will complete a character analysis which will be their guide in how to perform their role in the production. Students will work in teams to coordinate and design sets, costumes, props, publicity, and programs for each play. Students will also participate in a variety of challenging theater-related scenes, exercises, and projects. After school performances and rehearsals required of all enrolled students.

Theater 1 (1st Semester) Theater 2 (2nd Semester)

Course open to grades: 9-12

Length of class: 1 semester

Credit: .5 per semester

Prerequisite: None

Grad Requirement: Fine Arts

This course is an introduction to acting and theater. Through a variety of projects, improvisations, and scenes, students will learn and develop skills in movement and voice, learn acting and improvisation skills, and gain poise in performance. The semester focuses on building the basics of theater and performance awareness. Students will prepare and present monologue speeches to the class and critique each other's performances. This course may not be repeated.

General Electives

Peer Mentor in Special Education

Course open to grades: 11-12

Length of class: 1 semester

Credit: .5 per semester

Prerequisite: Instructor Permission

Grad Requirement: General Elective

Peer Mentoring allows students to interact with and model for their Special Education peers at HHS. Mentors interact with students in classes and around the school. Availability is based on special education student need and instructor requests. Duties include but are not limited to, modeling appropriate behavior, one-to-one interaction, and teacher support. Weekly written reflection may be required. Class may be repeated for credit. Peer Mentors receive a letter grade.

Big Buddy in Preschool

Course open to grades: 11-12

Length of class: 1 semester

Credit: .5 per semester

Prerequisite: Instructor Permission

Grad Requirement: General Elective

Peer Mentoring in the Preschool allows students to interact with and model for preschool students at HHS. Mentors interact with students in the preschool classroom. Duties include but are not limited to, modeling appropriate behavior, one-to-one interaction, and teacher support. Weekly written reflection may be required. Class may be repeated for credit. Peer Mentors receive a letter grade.