

HOCKINSON

HIGH SCHOOL



PROGRAM OF STUDIES

2020-2021

Hockinson High School

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Program of Studies

This Program of Studies has been prepared by the Hockinson High School staff to provide information and direction for students and parents as they plan a course of study. Each spring students will make class selections for the upcoming year. From this forecasting a master schedule of courses and teaching assignments is developed. The offering of courses is dependent upon student request and staff certification.

Academic Program Overview

The academic program at Hockinson High School is rigorous and intended to prepare students for college and careers.

Curriculum Highlights

- Reading, writing and problem solving skills are taught in all courses.
- Career exploration/vocational education are integral to the curriculum and culminates with the High School and Beyond Plan.

Schedule Changes

Individual student schedules are created based on student requests and class availability with the goal of moving all students toward graduation. Therefore, great care should be taken in selecting classes during forecasting as it is considered final. Changes to individual schedules have an impact on the entire student population. For these reasons schedule changes will only be considered in the following circumstances:

- Incorrect skill level/placement
- Missing a required course
- Lacking a prerequisite
- Programming error (such as missing a class period, in the same class twice)

Graduation Requirements

- ✓ Earn 24 credits, as outlined below
- ✓ Complete a High School and Beyond Plan
- ✓ Complete one of the Pathways to Graduation (listed on the next page)

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.

High School and Beyond Plan

To graduate from high school all students must develop a High School and Beyond Plan (HSBP) on how they will meet the high school graduation requirements and what they will do following high school. A student's plan, which starts in middle school and is revised as he/she moves forward, should include the classes needed to prepare for a postsecondary pathway, such as a two-year or four-year college, technical college, apprenticeship program, certificate program, the workforce or military training. (*ESHB 2224*)

Pathways to Graduation

In addition to fulfilling credit requirements and completing a High School and Beyond Plan, students must meet the requirements of one of the eight pathways below prior to graduation

1	Smarter Balanced Assessment scores
Achieve the graduation cut score (high level 2) on the on-grade level SBAC ELA: 2548 Math: 2595 All students will attempt the ELA and Math sections in the spring of 10 th grade. Retakes will be offered for students in the spring of their 11 th and 12 th grade years. Earning these scores is the first and most common pathway to graduation	

2	Dual credit courses
Complete and qualify for college credit in ELA or math. For Running Start and CTE dual credit-bearing courses, students must take and pass courses that have the potential to earn college Math/Quantitative or English/Communications credit at a 100 level or higher. Completing an Advanced Placement (AP) course with a C+ or higher would also fulfill this requirement.	

3	Advanced Placement (AP) exams
Scores of 3 or higher on one of the following AP exams: ELA: English Language and Composition, English Literature and Composition, Macroeconomics, Microeconomics, Psychology, United States History, World History, United States Government and Politics, Comparative Government and Politics Math: Calculus or Statistics	

4	College admission exam scores (SAT/ACT)			
Exam scores from the SAT and/or ACT may be used by earning, at minimum, the scores below:				
	SAT w/ Essay	SAT	ACT w/ Writing	ACT
Math	430	430	16	16
ELA	410	N/A	14	N/A

5	Transition courses
Enroll in, complete, and pass a full year of Bridge to College Math to fulfill the math requirement.	

6	Combination of options
Meet any combination of at least one ELA and one math option of those listed in 1-5	

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

8	Career and Technical Education (CTE) course sequence
Two or more high school credits of CTE courses in a progression tailored to the student's goals and relevant to the postsecondary plans outlined in the student's High School and Beyond Plan. The sequence may be comprised of courses within the same CTE program area or courses within more than one CTE program area.	

College Entrance Requirements

College bound students should be aware that entrance requirements vary from college to college. Students who have already decided which college they wish to attend should research the entrance requirements for that school. Students who are undecided should consider the following general suggestions:

The four-year public universities in Washington State require, at a minimum, the following for admission:

English	4 years
Social Studies	3 years
Mathematics	3 years
Senior Year Math-Based Quantitative Course	During 12th grade
Science (2 years need to be lab-based)	3 years
World Language	2 years of the same language
Fine Arts	1 year

English: Three of the four years required must be in composition and literature.

Social Studies: Some colleges and universities, including 4-year **public universities in Washington State, will require 3 credits of social studies taken during the high school years.**

Mathematics: Algebra, Geometry, and Algebra II are required.

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 Bridge to College Math, 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: One of the two years required must include Biology, Chemistry, or Physics. It is strongly recommended that students planning to major in science-related fields complete at least three years of science, two years being laboratory science.

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

NCAA Eligibility Requirements

- ✓ Students should register with the NCAA their junior year if they wish to participate in college level athletics.
- ✓ Students need to have successfully completed the core curriculum requirements listed online at the NCAA website.
- ✓ To be eligible students must earn minimum requirements on the ACT or a combined score listed on the website for Critical Reading and Math sections of the SAT.
- ✓ Earn at least a 2.3 GPA in core courses.
- ✓ Meet an increased sliding scale standard.
- ✓ Complete 10 core courses prior to the start of the seventh semester with at least 7 in English, Math and Science.

Division I	
16 Core Courses	Credits
English	4
Science	2
Social Science	2
Math (Algebra or higher)	3
Additional (English, Math, Science)	1
Additional (English, Math, Science, Social Sciences, Foreign Language, Computer Science, Philosophy, Non-doctrinal Religion)	4
Total Core Units Required	16

Division II	
16 Core Courses	Credits
English	3
Science, natural or physical (1 year of lab)	2
Social Science	2
Math (Algebra 1 or higher)	2
Additional (English, Math, Natural/Physical Science)	3
Additional (English, Math, Science, Social Sciences, Foreign Language, Comparative Religion/Philosophy)	4
Total Core Units Required	16

Advanced Placement (AP)

The goal of the Advanced Placement program is to enrich students' academic lives by exposing them to high levels of scholarship. Students enrolled in Advanced Placement classes have the opportunity to take the AP test in the spring of the academic year. Students with qualifying scores may receive college credit at colleges and universities that accept it. In addition, the high school transcript for each student enrolled in an AP class will reflect that the class is an Advanced Placement course of study.

Articulated Courses

Certain Hockinson High School courses give students the opportunity to earn college credit in addition to high school credit. Necessary steps to obtain college credits will take place during the course, which will involve registering with the institution through which the course is articulated (ex. Clark College).

Cascadia Technical Academy

Cascadia Technical Academy offers a wide variety of vocational-technical and pre-college programs available to students in grades 11 and 12 in the following full-year, three-hour block program areas:

- Applied Medical Sciences
- Automotive Technology
- Aviation Technology
- Business Principles
- Construction Technology
- Cosmetology
- Criminal Justice
- Culinary, Baking, and Pastry Arts
- Dental
- Diesel Technology
- Fashion Design
- Fire Science
- Hospitality and Tourism
- Information Technology Systems, Service, and Support
- Pre-Engineering Technology

Cascadia Technical Academy information will be provided to sophomore and junior students in the spring of the school year. Busing is provided to and from the high school for the morning sessions of Cascadia Technical Academy classes.

Running Start

The Running Start program provides juniors or seniors in high school the opportunity to take courses at community colleges as part of the high school program. Credits received from transfer level college courses count toward both high school graduation and community college degree programs. When a student participates in a Running Start class, the student is starting a permanent college transcript which includes a college GPA. Grades received at Clark College in Running Start classes will be used in computing the student's high school GPA (see conversion chart below).

In the winter of their sophomore or junior year, interested students will apply to the college and show proof of meeting qualification standards. To be admitted to the Running Start program, students must have completed their sophomore year in high school, earned at least 10 high school credits, and meet Clark College Running Start qualification standards.

College Credit (100-level courses and above)	HHS Credit
1	.20
2	.40
3	.60
4	.80
5	1.0

Weighting Classes

All courses offered at or through Hockinson High School are given equal consideration when calculated toward a student's GPA and determining class rankings. We do not weight any specialized or advanced curriculum. However, AP courses will be given weighted consideration when determining Valedictorian and Salutatorian.

Student Planning Worksheet

Students and parents may find this worksheet helpful as they plan a course of studies. In addition, please consider the following:

- Graduation Requirements: Some course credits (such as Fine Arts and Career & Tech) are required to graduate, but students elect what to take and when to take them. These classes should be included in a student's elective choices.
- College Entrance Requirements: Student who plan to go to college, or want that option available, should consider college entrance requirements.
- Zero Period Classes: Jazz Band is offered by audition only and will begin and end before first period.

9 th Grade	1 st Semester	2 nd Semester
English	<i>English 9</i>	<i>English 9</i>
Math		
Science	<i>Integrated Science 1</i>	<i>Integrated Science 1</i>
Health/Fitness	<i>Health</i>	<i>PE</i>
Elective		
Elective		

10 th Grade	1 st Semester	2 nd Semester
English	<i>English 10</i>	<i>English 10</i>
Math		
Science	<i>Integrated Science 2/ AP Biology</i>	<i>Integrated Science 2/ AP Biology</i>
Elective		
Elective		
Elective		

11 th Grade	1 st Semester	2 nd Semester
English	<i>English 11/AP English Language</i>	<i>English 11/AP English Language</i>
Math		
Science	<i>Lab/Math-based Science</i>	<i>Lab/Math-based Science</i>
Social Studies	<i>US History/AP US History</i>	<i>US History/AP US History</i>
Elective		
Elective		

12 th Grade	1 st Semester	2 nd Semester
English	<i>English 12/ AP English Literature</i>	<i>English 12/ AP English Literature</i>
Social Studies	<i>CWI/AP Comparative Gov't</i>	<i>CWI/AP Comparative Gov't</i>
Math or Elective		
Elective		
Elective		
Elective		

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.

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 is open to grades: 10

Length of class: 2 semesters

Credit: .5 per semester

Prerequisite: Honors Recommendation/Commitment

Grad Requirement: English

Honors English 10 is an in-depth study of works of literature across cultures and time periods. Exceeding Washington State Essential Learning Requirements, 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: American Literature & Composition

Course is 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.

AP English Language & Composition

Course is open to grades: 11

Length of class: 2 semesters

Credit: .5 per semester

Prerequisite: Met Standard in 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 understanding. The course requires extensive homework and includes formal AP test practice sessions. This course assumes that students already understand and use standard English grammar.

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: Contemporary Literature and Writing Studio

Course is open to grades: 12

Length of class: 2 semester

Credit: .5 per semester

Prerequisite: English 11

Grad Requirement: English

Writing Studio provides an opportunity to develop creative writing skills, professional writing skills, researching skills, and editing skills. It also will examine how to communicate effectively through emails, social media, and other forms of technology. In Contemporary Literature students will read widely, experience multiple genres, participate in seminar discussions, and learn to speak with poise.

English 12: Contemporary Literature and Critical Media Analysis and Composition

Course is open to grades: 12

Length of class: 2 semester

Credit: .5 per semester

Prerequisite: English 11

Grad Requirement: English

Media Analysis provides an opportunity to analyze the various aspects of film production, including script writing, editing, and filmography. It also allows students to analyze films, create reviews, and have in-depth discussions on how production and direction affect films. In Contemporary Literature students will read widely, experience multiple genres, participate in seminar discussions, and learn to speak with poise.

AP English Literature & Composition

Course is open to grades: 12

Length of class: 2 semesters **Credit:** .5 per semester

Prerequisite: Met Standard in 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.

Science

Integrated Science 1

Course is open to grades: 9-12

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 is open to grades: 10-12

Length of class: 2 semesters

Credit: .5 per semester

Prerequisite: Int. Science 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.

Chemistry

Course is open to grades: 11-12

Length of class: 2 semesters

Credit: .5 per semester

Prerequisite: Algebra credit

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, Stoichiometry and Chemical Problem Solving, Atomic/Molecular Structure and Chemical Bonding, Properties of Gases, and 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.

Honors Chemistry

Course is open to grades: 11-12

Length of class: 2 semesters

Credit: .5 per semester

Prerequisite: Geometry credit

Grad Requirement: Lab Science

A faster-paced class in the area of physical sciences than Chemistry and is intended for students interested in a more rigorous challenge than Chemistry.

This class is more math intensive and may apply Advanced Algebra skills, such as natural logarithms. The college-prep course provides a strong foundation and preparation for AP Chemistry.

Honors Chemistry is designed to teach the student about the answers to the same two fundamental questions as Chemistry: "What are things made of?" and "Why do things behave and react as they do?" The course also 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, Stoichiometry and Chemical Problem Solving, Atomic/Molecular Structure and Chemical Bonding, Properties of Gases, and 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

Physics

Course is open to grades: 11-12

Length of class: 2 semester

Credit: .5 per semester

Prerequisite: Geometry credit

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:

Measurement

- Scientific Method
- Kinematics: Speed, Velocity & Acceleration
- Newton's Three Laws of Motion
- Centripetal Force and Gravity
- Energy and Matter
- Momentum and Collisions
- Rotational Kinematics
- Thermodynamics
- Waves, Sound and Light
- Electricity and Magnetism

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

Animal Science/Zoology

Course is open to grades: 11-12

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 is open to grades: 11-12

Length of class: 1 semester

Credit: .5

Prerequisite: None

Grad Requirement: Lab Science

What do Star Wars, Star Trek, Dungeons and Dragons, The Hobbit 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 light sabers to warp speed to antimatter. 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.

AP Biology

Course is 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.

AP Physics I

Course is open to grades: 11-12

Length of class: 2 semesters

Credit: .5 per semester

Prerequisite: Algebra II

Grad Requirement: 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:

- Kinematics
- Newton’s Laws of Motion
- Work, Energy and Power
- Systems of bodies, Linear momentum
- Circular Motion and Rotation
- Oscillations and Gravitation
- Fluid Mechanics
- Kinetic Theory and Thermodynamics
- Electrostatics
- Conductors, Capacitors, and Dielectrics
- Electric Circuits
- Magnetic Fields
- Electromagnetism
- Wave Motion (including sound)
- Physical and Geometric Optics
- Atomic Physics and Quantum Effects
- Nuclear Physics

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.

AP Environmental Science

Course is open to grades: 11-12

Length of class: 2 semesters

Credit: .5 per semester

Prerequisite: none

Grad Requirement: Science

The goal of the AP Environmental Science course is to provide students with scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world, to identify and analyze environmental problems, both natural and human-made, to evaluate the relative risks associated with these problems, and to examine alternative solutions for resolving and/or preventing them. All students should plan to take the AP exam—a major goal and outcome of this class.

Social Studies

Ancient World History: Up to the 1500's

Course is open to grades: 9-12

Length of class: 1 semester **Credit:** .5

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, revolution, social change, and political transformation.

Modern World History: 1500's to Present

Course is open to grades: 9-12

Length of class: 1 semester **Credit:** .5

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, revolution, social change, and political transformation.

World Geography

Course is open to grades: 9-12

Length of class: 1 semester **Credit:** .5

Prerequisite: None **Grad Requirement:** Social Studies

This is a one-semester study of the world's regions and the interaction of people with their geographic place. Guided by the National Geographic's Five Fundamental Themes of Geography, students use geographic tools to observe and analyze the complex physical and human characteristics of place.

General Psychology

Course open to grades: 9-12

Length of class: 1 semester **Credit:** .5

Prerequisite: None **Grad Requirement:** Social Studies

This introductory course in psychology focuses on human behavior and mental processes. Throughout the semester you will get a chance to analyze and interpret behavior, including your own, based on modern psychological research and perspective. This course will also introduce you to the history of psychology, methods psychologists use to study behavior, and symptoms of psychological disorders and modern treatment options.

Developmental Psychology

Course open to grades: 9-12

Length of class: 1 semester **Credit:** .5

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.

AP World History

Course is open to grades: 10-12

Length of class: 2 semesters **Credit:** .5 per semester

Prerequisite: Met Standard in English 9

Grad Requirement: Social Studies

Advanced Placement World History is a yearlong college level study of people across time and cultures. 1st semester covers time from Early Civilization to 1450; 2nd semester covers 1450-Present. Students analyze the social, cultural, and economic influences and interactions of various civilizations. This course includes extensive writing, research, and analysis of primary source materials. It also includes reading instruction with an emphasis on identifying frame of reference and bias. Students enrolling in this course may register for the Advanced Placement World History examination. As a college level course, students will read widely and write extensively.

United States History

Course is 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 United States History

Course is open to grades: 11

Length of class: 2 semesters **Credit:** .5 per semester

Prerequisite: Met standard in English 10

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 is open to grades: 12

Length of class: 2 semesters

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 one-year course, students read widely, write extensively, participate in seminar discussions, and complete a scholarly research paper. The course content encourages students to link their High School and Beyond Plan with class content.

AP Comparative Government & Politics

Course is open to grades: 12

Length of class: 2 semesters

Credit: .5 per semester

Prerequisite: Standard met in US History & American Literature

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.

Mathematics

Algebra I

Course is open to grades: 9-10

Length of class: 2 semesters

Credit: .5 per semester

Prerequisite: None

Grad Requirement: Math

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

Honors Algebra I

Course is open to grades: 9-10

Length of class: 2 semesters

Credit: .5 per semester

Prerequisite: Honors Geometry or consent of instructor

Grad Requirement: Math

Honors students study the same content areas as Algebra I, but include more rigorous, in-depth problems. Honors courses are highly recommended for any student intending to take Pre-Calculus or Calculus, or for any student intending a STEM major in college.

Geometry

Course is open to grades: 9-11

Length of class: 2 semesters

Credit: .5 per semester

Prerequisite: Algebra

Grad Requirement: Math

An in-depth study of plane, solid, and analytic geometry. Emphasis will be placed on learning geometric concepts as well as understanding geometry with a greater focus on mathematical system of proved theorems. Topics include: congruence, similarity, right triangles, trigonometry, circles, expressing geometric properties with equations, geometric measurement and dimension, and modeling.

Honors Geometry

Course is open to grade: 9-11

Length of class: 2 semesters

Credit: .5 per semester

Prerequisite: Algebra, Honors Recommendation

Grad Requirement: Math

Honors students study the same content areas as Geometry, but include more rigorous, in-depth problems. Honors courses are highly recommended for any student intending to take Pre-Calculus or Calculus, or for any student intending a STEM major in college.

Algebra II

Course is open to grades: 10-12

Length of class: 2 semesters

Credit: .5 per semester

Prerequisite: Geometry

Grad Requirement: Math

This course builds on the mathematical skills developed in Algebra 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.

Honors Algebra II

Course is open to grades: 10-12

Length of class: 2 semesters

Credit: .5 per semester

Prerequisite: Honors Geometry or consent of instructor

Grad Requirement: Math

Honors students study the same content areas as Algebra 2, but include more rigorous, in-depth problems. Honors courses are highly recommended for any student intending to take Pre-Calculus or Calculus, or for any student intending a STEM major in college.

Modeling Our World with Mathematics

Course is open to grades: 11-12

Length of class: 2 semesters

Credit: .5 per semester

Prerequisite: Geometry

Grad Requirement: Third year of math

Designed to follow Geometry, Modeling Our World with Mathematics contains career-connected, thematic units where students use 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. This course is intended for students who have completed Algebra I and Geometry but may not be ready for Algebra II. **It is not an NCAA-approved core course to be used for eligibility purposes.**

Pre-Calculus

Course is open to grades: 11-12

Length of class: 2 semesters

Credit: .5 per semester

Prerequisite: Algebra II or Honors Algebra II at least at a B or teacher recommendation. Honors Algebra I, Honors Geometry, and Honors Algebra II are highly recommended.

Grad Requirement: Math

A rigorous study of the required mathematics for calculus. This includes advanced topics in algebra, plane geometry, trigonometry, and analytic geometry as well as thoroughly investigating the properties of sequences, series, limits, vectors, matrices, parametric equations and the elementary functions. Highly recommended for any student intending a STEM major in college. Pending an articulation agreement with central Washington University, students may have the opportunity to earn college credit for this course.

AP Calculus: AB Differential and Integral Calculus

Course is open to grades: 12

Length of class: 2 semesters

Credit: .5 per semester

Prerequisite: Pre-Calculus at least at a B-.

Grad Requirement: Math

Differential and integral calculus. This course is designed to prepare students to take the Calculus AB Advanced Placement Examination. Students wanting to prepare for the Calculus BC examination will need to study the additional topics on an individual basis.

Mathematics

Bridge to College Mathematics

Course is open to grades: 12

Length of class: 2 semesters

Credit: .5 per semester

Prerequisite: Algebra II

Grad Requirement: Math

This course is designed to prepare students for entrance into non-calculus pathway 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 students engaging mathematics that builds flexible thinking and a growth mindset. **It is not an NCAA-approved core course to be used for eligibility purposes.**

Intro to Computer Science

Course is open to grades: 9-12

Length of class: 2 semesters

Credit: .5 per semester

Prerequisite: Middle school STEM or previous demonstration of consistent, good study habits

Grad Requirement: CTE or 4th year Math (does not replace Algebra, Geometry, or Algebra II)

This course introduces students to computer science using the computer language Python. This includes methods and procedures of software design, programming, troubleshooting, computational thinking, and issues of computer science in society. Pending an articulation agreement with Clark College, students may have the opportunity to 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: Intro to Computer Science Programming

Grad requirement: CTE or 4th year Math (does not replace Algebra, Geometry, or Algebra II)

This course introduces students to object-oriented computer programming using the computer language Java. Students may opt to pay for the AP test which is taken in May 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

Prerequisite: Middle school STEM, intro to Computer Science Programming, or previous demonstration of consistent, good study habits.

Grad requirement: CTE or 4th year Math (does not replace Algebra, Geometry, or Algebra II)

Overview of computer science topics including program design, basic coding, how computers work, how the internet works, computational thinking, and societal impacts of technology. Technology is becoming increasingly important in virtually every workplace, so this course is appropriate for students in any career pathway. Students will complete two projects during the year (one per semester) and may opt to pay for the AP test in May to potentially earn college credit for this course.

PE/Health

Physical Education

Course is 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.

Sports Development

Course is 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.

Personal Fitness

Course is 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.

Health

Course is open to grades: 9-12

Length of class: 1 semester **Credit:** .5

Prerequisite: None **Grad Requirement:** Health

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 & physical health, decision making and public health.

Fine Arts

Wind Ensemble

Course open to grades: 9-12
Length of class: 2 semesters **Credit:** .5 per semester
Prerequisite: Audition; Enrolled in Band Previous Year
Grad Requirement: Fine Arts **Class Fee:** \$0

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. **Students are also required to attend all after school practices.** 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.

Percussion Ensemble

Course open to grades: 9-12
Length of class: 2 semesters **Credit:** .5 per semester
Prerequisite: Percussion or 8th-grade Band previous year
Grad Requirement: Fine Arts **Class Fee:** \$0

A class designed to teach percussion techniques at the intermediate and advanced level of performance. This group is comprised of percussionists and a pianist. 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 are also required to attend all after school practices. 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: Audition; enrolled in Band prev yr; or permission of instructor
Grad Requirement: Fine Arts **Class Fee:** \$0

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. **Students are also required to attend all after school practices.** Enrollment is limited to students who were enrolled in band during the previous year. Students will be required to travel to some competitions and contests.

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
Graduation 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, concerts and winter pep band. 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.

Theater

Course open to grades: 9-12
Length of class: 1 semester **Credit:** .5
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.

Play Production Workshop

Course open to grades: 10-12
Length of class: 1st semester only **Credit:** .5
Prerequisite: Auditions, Theatre 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 Theatre Production Workshop

Course open to grades: 10-12
Length of class: 2nd semester only **Credit:** .5
Prerequisite: Auditions, Theatre 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.

Fine Arts

Guitar 1

Course open to grades: 9-12

Length of class: 1 semester

Credit: .5 per semester

Prerequisite: None

Grad Requirement: Fine Arts

Class Fee: Student provides their own guitar/purchase a book/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.

History of Rock and Roll

Course open to grades: 10-12

Length of class: 1 semester

Credit: .5

Prerequisite: None

Grad Requirement: Fine Arts

The History of Rock 'n' Roll, a semester based elective, is an in-depth study of the origins of popular music in the 20th century and the social and historical context that gave birth to it and related genres and musical offshoots. From blues and country, to punk and heavy metal, students will familiarize themselves with landmark groups, music, and movements of different periods, exploring connections between modern music and the artists from the past who have paved the way for the popular music of today.

Art Exploration

Course open to grades: 9-12

Length of class: 1 semester

Credit: .5

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 Exploration. 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.

Advanced Art Exploration

Course open to grades: 9-12

Length of class: 1 semester

Credit: .5

Prerequisite: Art Exploration

Grad Requirement: Fine Arts

Students will dive deeper into exploration of themselves as artists through advanced application of elements of art and principles of design. Students will create a variety of artistic expressions in art journaling, mixed media collage, watercolor, typography and layout, calligraphy, and more. Advanced Art Exploration students will be expected to propose, plan, and present independent artistic expressions that demonstrate their progression of skills. There will be multiple opportunities for students to advance their creative interests through independent projects and art journaling.

Drawing/Printmaking

Course open to grades: 9-12

Length of class: 1 semester

Credit: .5

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 for credit as they will work at a higher level.

Ceramics / Glass

Course open to grades: 9-12

Length of class: 1 semester

Credit: .5

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 as they will work at a higher level.

Sculpture

Course open to grades: 9-12

Length of class: 1 semester

Credit: .5

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 as they will work at a higher level.

Fine Arts

Painting

Course open to grades: 9-12

Length of class: 1 semester

Credit: .5

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 as they will work at a higher level.

Career and Technical Education (CTE)

Career Choices

Course is open to grades: 10-12

Length of class: 1 semester

Credit: .5, articulated

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.

Entrepreneurship

Course is open to grades: 9-12

Length of class: 1 semester

Credit: .5, articulated

Prerequisites: none (see note)

Grad Requirement: CTE

This course prepares students with the knowledge, capacity, and willingness to undertake conception, organization, and management of a business venture with all the risks, while seeking profit as a reward.

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.

Personal Finance

Course is open to grades: 10-12

Length of class: 1 semester

Credit: .5, articulated

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, pay bills and complete banking transactions and reconcile monthly bank statements. Relevant topics will include: property ownership, banking principles, taxes, investment, credit management, personal risk/insurance plans (auto, property and health) and automobile expenses.

Broadcast Journalism

Course open to grades: 9-12

Length of class: 1 semester

Credit: .5

Prerequisite: None

Grad Requirement: CTE

This course is a professionally-oriented media course intended for students wanting to continue their learning within a Broadcast Journalism program. On-the-air experience, including announcing skills and production techniques, will be expected of students, as well as leadership with other Broadcast Journalism students. Evaluation is based on daily oral/written assignments, quality of story segments, and attention to process and deadlines. This course may be repeated for additional CTE credit.

Video Production

Course is open to grades: 9-12

Length of class: 1 semester

Credit: .5

Prerequisite: None

Grad Requirement: CTE

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.

Yearbook Publishing

Course is open to grades: 9-12

Length of class: 2 semesters

Credit: .5 per semester

Prerequisite: None

Grad Requirement: CTE

The course offers the student total involvement in the production of the school yearbook. Activities include advertising, layout and design, planning, photography, copy writing, and proofing. Commitment, teamwork, and creativity are essential to this class! This course will require students to complete tasks outside of class time.

Advanced Yearbook Publishing

Course is open to grades: 10-12

Length of class: 2 semesters

Credit: .5 per semester

Prerequisite: Yearbook Publishing

Grad Requirement: CTE

A class for students that have already had a year of yearbook experience at the high school level. Students will be expected to fill an editor position or take on leadership roles. Students will be expected to know the basics of yearbook design, layout and photography prior to entering the class and will master advanced layout and design and digital imagery.

Career and Technical Education (CTE)

Intro to Engineering Design

Course is 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.

Intro to Computer Science

Course is open to grades: 10-12

Length of class: 2 semesters

Credit: .5 per semester

Prerequisite: Middle school STEM or previous demonstration of consistent, good study habits

Grad Requirement: CTE or 4th year Math (does not replace Algebra, Geometry, or Algebra II)

This course introduces students to computer science using the computer language Python. This includes methods and procedures of software design, troubleshooting, operating systems, computational thinking, and issues of computer science in society.

AP Computer Science Principles

Course is open to grades: 10-12

Length of class: 2 semesters

Credit: .5 per semester

Prerequisite: Middle school STEM or previous demonstration of consistent, good study habits.

Grad requirement: CTE or 4th year Math (does not replace Algebra, Geometry, or Algebra II)

Overview of computer science topics including program design, basic coding, how computers work, how the internet works, computational thinking, and societal impacts of technology. Technology is becoming increasingly important in virtually every workplace, so this course is appropriate for students in any career pathway. Students will complete two projects during the year (one per semester) and may opt to pay for the AP test in May to potentially earn college credit for this course.

Wood Technology I and II

Course is open to grades: 9-12

Length of class: 1 semester

Credit: .5

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 Arts and Craftsmanship

Course is open to grades: 9-12

Length of class: 1 semester

Credit: .5

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 is open to grades: 9-12

Length of class: 2 semesters

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.

Sports Medicine

Course is open to grades: 10-12

Length of class: 1 semester

Credit: .5 per semester

Prerequisite: None

Grad Requirement: CTE

This course is designed for students interested in athletic training, physical therapy, emergency medical services or any other medical field. Class discussion focuses on the basic information and skills important in injury prevention, treatment, rehabilitation, and emergency injury management. It also focuses on the psychology of sports injury/illness, mechanisms and characteristics of sports trauma, tissue response to injury, human anatomy, injury assessment and evaluation, environmental concerns, basic taping and bandaging, explanations of therapeutic modalities and basic exercise rehabilitation. This course includes class work and hands on application.

World Language

French I

Course is open to grades: 9-12

Length of class: 2 semesters **Credits:** .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 II

Course is open to grades: 9-12

Length of class: 2 semesters **Credits:** .5 per semester

Prerequisite: French I (C or higher recommended)

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 III

Course is open to grades: 11-12

Length of class: 2 semesters **Credits:** .5 per semester

Prerequisite: French II (C or higher recommended)

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 IV

Course is open to grades: 12

Length of class: 2 semesters **Credits:** .5 per semester

Prerequisite: French III (C or higher recommended)

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.

Spanish I

Course is open to grades: 9-12

Length of class: 2 semesters **Credits:** .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 II

Course is open to grades: 9-12

Length of class: 2 semesters **Credits:** .5 per semester

Prerequisite: Spanish I (C or higher recommended)

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.

Spanish III

Course is open to grades: 10-12

Length of class: 2 semesters **Credits:** .5 per semester

Prerequisite: Spanish II (B or higher recommended)

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.

Spanish IV

Course is open to grades: 11-12

Length of class: 2 semesters **Credits:** .5 per semester

Prerequisite: Spanish III (B or higher recommended)

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 is open to grades: 12

Length of class: 2 semesters **Credits:** .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.