

Coconino High School Course Catalog

2025-2026

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FUSD Graduation & AZ University Admission Requirements

FUSD Graduation Pathway: The graduation pathway consists of the minimum requirements needed in order for a student to graduate from high school. A high school diploma is required in order for a person to enter the military, enroll in a technical or trade school, and/or enter community college.

AZ University Pathway: The university pathway consists of the requirements needed in order for a student to graduate from high school and be admissible to NAU, ASU or the U of A. Students who plan to attend an out of state public or private university should check admission requirements for those institutions.

Subject Area	FUSD Graduation Requirements	AZ Public University Admissions
English	4	4
Mathematics	4 (Algebra 1, Geometry, Algebra 2, Higher Math)	4
Science	3	3 lab sciences
Social Studies	3	3
PE/Health	1 (.5 PE & .5 Health)	1 (.5 PE & .5 Health)
Fine Arts/ Vocational	1	1 fine arts or CTE credit
Modern Language	0	2 required (3 recommended)
Elective Courses	6	6
Civics Exam	Pass	Pass
Total	22	23

English Courses

Please consult with a counselor to determine the courses that meet individual needs.

Grade	Graduation Requirements (4 credits)	University Recommended Pathways		
		Dual Enrollment	AP	IB Diploma
9th Grade	English 9	English 9 or Honors English 9	English 9 or Honors English 9	English 9 or Honors English 9
10th Grade	English 10	English 10 or Honors English 10	English 10 or Honors English 10	English 10 or Honors English 10
11th Grade	English 11	DE English 11	AP English Literature & Composition	IB English 11 Language & Literature High Level (HL)
12th Grade	English 12 College & Career Ready or English 12 College & Career Ready: Holocaust Literature	DE English 12	AP English Language & Composition	IB English 12 Language & Literature High Level (HL)

English 9

EN50A/B

Grades: 09

College Prep: Yes

Credit: 1.0

Duration: 1 year

Fee:

This course will integrate basic reading, writing, listening and speaking skills through the survey of literature composed of novels, short stories, poetry, drama and nonfiction choices. Activities will focus on the incorporation and application of composition, vocabulary development, speech, literary elements and language fundamentals. Texts are selected to build upon students' prior learning, to improve reading strategies and to encourage critical thinking.

Resource English 9 GNEN49 Equivalent course for any student who requires the additional resources and support provided in this educational setting as prescribed in their IEP.

Honors English 9

EN55A/B

Grades: 09

College Prep: Yes

Credit: 1.0

Duration: 1 year

Fee:

This is a course for those who have shown above average ability and motivation to progress through future AP, IB, or DE English courses. Students will work with a variety of challenging literary forms including short stories, novels, poetry, drama and nonfiction. Activities will incorporate the humanities, composition, speech, independent reading, growth in academic responsibility, clarification of language skills, grammar in action, vocabulary building, and learning options that will address various learning styles.

English 10

EN60A/B

Grades: 10 **College Prep:** Yes **Credit:** 1.0 **Duration:** 1 year **Fee:**

English 10 integrates reading, writing, listening and speaking. Students will focus on persuasive and analytical writing. They will study vocabulary, grammar, figurative language and writing techniques while analyzing global literature from the 20th century to prepare them for future high school and college courses.

Resource English 10 GNEN59 Equivalent course for any student who requires the additional resources and support provided in this educational setting as prescribed in their IEP.

Honors English 10

EN65A/B

Grades: 10 **College Prep:** Yes **Credit:** 1.0 **Duration:** 1 year **Fee:**

This course integrates reading, writing, listening and speaking. It is designed to challenge students' thinking through the study of fiction, mythology, nonfiction, digital media, poetry, and drama. Considerable opportunities in both writing and speaking give the advanced students greater opportunities to polish their skills. Writing focuses on debatable topics, literary texts and non-fiction texts. Vocabulary study and outside reading and writing assignments are an expectation for honors coursework.

English 11

EN70A/B

Grades: 11 **College Prep:** Yes **Credit:** 1.0 **Duration:** 1 year **Fee:**

English 11 features American Literature and foundational texts through the 20th century. The text includes prose, poetry, fiction, non-fiction, and drama. Literary selections build on students' previous studies and provide exposure to difficult texts. Writing focuses on the standards and includes grammar and usage skills development.

Resource English 11 GNEN69 Equivalent course for any student who requires the additional resources and support provided in this educational setting as prescribed in their IEP.

AP English Language & Composition

EN97AW/BW

Grades: 11 & 12 **College Prep:** Yes **Credit:** 1.0 **Duration:** 1 year **Fee:**

Students in AP English Literature are encouraged to take the AP exam in May. AP English Language and Composition is designed to enable students to write effectively and confidently in their college courses and in their professional and personal lives. The course emphasizes the synthesis, analytical, and argumentative writing that forms the basis of academic and professional communication. Additionally, students read complex text with critical attention to a writer's purpose and rhetorical strategies. This course is designed for the serious college bound student and allows not only preparation for college, but also the chance to earn college credit and/or advanced standing by taking the AP English Language Exam.

AP English Literature & Composition

EN98AW/BW

Grades: 11 & 12 **College Prep:** Yes **Credit:** 1.0 **Duration:** 1 year **Fee:**

Students in AP English Literature are encouraged to take the AP exam in May. Advanced Placement English Literature is designed to allow students to study college-level composition and literature at the high school level. Students practice the skills of close reading, critical writing and analytical discussion in an atmosphere of academic challenge. This course is designed for the serious college bound student and allows not only preparation for college but also the chance to earn college credit and/or advanced standing by taking the AP English Literature Exam. We will follow the curricular requirements in the AP English course description.

DE English 11

EN75A/B

Grades: 11 & 12

College Prep: Yes

Credit: 1.0

Duration: 1 year

Fee: DE fee may apply

Prerequisite: Student meets 2 or more of the requirements on the [CCC course placement guide](#).

English 101 is a three-credit-hour survey course that introduces students to critical reading and writing in the academic community. Throughout the semester we practice the *reading process*: generating questions or deriving answers from texts; summarizing texts; identifying examples, drawing inferences, and making logical or comparative connections; organizing information in a variety of ways; seeing and learning rhetorical skills used by effective writers; and evaluating the merits of what we read. At the same time, we practice the *writing process*: identifying audience and purpose; gathering or finding ideas; organizing and interrelating those ideas for readers; drafting in order to develop, support, and illustrate ideas; revising from trial-and-error and in light of peer input; editing for clarity and accuracy.

English 12 College and Career Ready

EN85A/B

Grades: 12

College Prep: Yes

Credit: 1.0

Duration: 1 year

Fee:

College and Career is for college-bound seniors. The course stresses literary analysis, research and composition in addition to goal setting, self-motivation, and personal responsibility. This course requires students to read closely, analyze and respond to a variety of literary genres and journal prompts, review usage and style, and focus on vocabulary development while engaging with challenging writing assignments.

Resource English 12 GNEN79 Equivalent course for any student who requires the additional resources and support provided in this educational setting as prescribed in their IEP.

English 12 Holocaust Literature

EN90A/B

Grades: 12

College Prep: Yes

Credit: 1.0

Duration: 1 year

Fee:

The goal of this course is to provide the students with an in depth look at the Holocaust as well as multiple roles that countries played during WWII that directly impacted the genocide. The course will also provide students with the knowledge of how events in the past influence modern society. The course will explore the foundations of the Holocaust, and the individual rights and responsibilities of citizens from the 1920's through the 1940's. In summary, the goal of this course is to provide the student with a framework to be a responsible citizen.

DE English 12

EN95A/B

Grades: 12

College Prep: Yes

Credit: 1.0

Duration: 1 year

Fee: DE fee may apply

Prerequisite: English 101 or 4 or higher on AP English 11 test. Three Lecture Hours.

Continued development of ideas and strategies used in ENG 101/DE 11. Extensive practice in critical thinking, reading, and writing with an emphasis on composing analytical essays on literary topics and two documented research papers.

IB English 11 & 12 Language & Literature Higher Level (HL) IBEN201 & IBEN202

Grades: 11 & 12

College Prep: Yes

Credit: 1.0/year

Duration: 2 Years

Fee: N/A

The language A: language and literature course aims to develop skills of textual analysis and the understanding that texts, both literary and non-literary, are carefully crafted works of art that may or may not successfully achieve their intended impact, given the reader and the context.. The study of literature in translation from other cultures is especially important to IB DP students because it contributes to a global perspective. Texts are chosen from a variety of sources, genres, and media.

Math Courses

Please consult with a counselor to determine the courses that meet individual needs.

Grade	Graduation Requirements (4 credits)	University Recommended Pathways		
		AZ University Admission	AP	IB Diploma
9th Grade	Algebra I	Algebra I, Geometry, Honors Geometry	Algebra 1, Honors Geometry, Geometry	Algebra I, Geometry, Honors Geometry
10th Grade	Geometry	Geometry, Algebra II, Honors Geometry, Honors Algebra II, AP (DE) Pre-Calculus	Honors Geometry, Honors Algebra II, AP (DE) Pre-Calculus, Algebra II	Geometry, Honors Geometry, Algebra II, Honors Algebra II
11th Grade	Algebra II or Foundations of Math	Honors Algebra II, AP Statistics, AP (DE) Pre-Calculus, (DE) College Math,	Algebra II, Honors Algebra II, AP (DE) Pre-Calculus, AP Calculus IAB, AP Statistics	IB Math 11 Standard Level (SL) or IB Math 11 High Level (HL)
12th Grade	DE College Math, Quantitative Reasoning, AP Statistics, AP (DE) Pre-Calculus	(DE) College Math, Quantitative Reasoning	AP (DE) Pre-Calculus, AP Calculus II BC, AP Statistics	IB Math 12 Standard Level (SL) or IB Math 12 High Level (HL)

Algebra I

MA50A/B

Grades: 08 -10

College Prep: Yes

Credit: 1.0

Duration: 1 year

Fee:

Prerequisite: Completion of 8th Grade Math (MA82) or Accelerated 7/8 Math (MA11H)

This course focuses on the formal definition of functions with particular emphasis on deepening and extending the understanding and application of linear, quadratic and exponential functions. Students will also graph these functions, identify key features, and make use of function transformations. The Arizona Standards for Algebra 1 also include applying linear models to data that exhibit a linear trend as seen through statistics. Appropriate technology will be used to enhance mathematical understanding and problem solving skills.

Resource Algebra I GNMA50 Equivalent course for any student who requires the additional resources and support provided in this educational setting as prescribed in their IEP.

Geometry

MA60A/B

Grades: 09 -11

College Prep: Yes

Credit: 1.0

Duration: 1 year

Fee:

This course aligns with the Arizona Standards for Geometry by extending the informal geometry work from grade 8 along with the formal mathematics of Algebra 1 in a rich and rigorous learning experience. The geometry course focuses on five critical areas: congruence of geometric figures based on rigid motions, similarity of geometric figures based on dilations and proportional reasoning, develop an understanding of informal explanations of circumference, area, and volume formulas, proving geometric theorems, and solve problems involving right triangles. Students will be expected to explain their reasoning and critique the reasoning of others through discourse, writing and modeling. Appropriate tools and technology will be used to enhance mathematical understanding.

Resource Geometry GNMA60 Equivalent course for any student who requires the additional resources and support provided in this educational setting as prescribed in their IEP.

Honors Geometry

MA65HA/B

Grades: 09-10

College Prep: Yes

Credit: 1.0

Duration: 1 year

Fee:

Prerequisite: 1 credit of Algebra 1 and teacher recommendation (MA50 A/B)

This course aligns with the Arizona Standards for Geometry by extending the informal geometry work from grade 8 along with the formal mathematics of Algebra 1 in a rich and rigorous learning experience. The geometry course focuses on five critical areas: congruence of geometric figures based on rigid motions, similarity of geometric figures based on dilations and proportional reasoning, develop an understanding of informal explanations of circumference, area, and volume formulas, proving geometric theorems, and solve problems involving right triangles. Students will be expected to explain their reasoning and critique the reasoning of others through discourse, writing and modeling. Appropriate tools and technology will be used to enhance mathematical understanding.

Beyond the standard Geometry curriculum, students in honors geometry will synthesize skills from critical areas to complete complex application tasks, construct formal proofs, and adhere to a higher expectation of understanding and justification of their work in preparation for future advanced placement coursework in mathematics.

Algebra II

MA70A/B

Grades: 10-12

College Prep: Yes

Credit: 1.0

Duration: 1 year

Fee:

Building on their work with linear, quadratic, and exponential functions, students extend their repertoire of functions to include polynomial, rational, radical, logarithmic, exponential, and trigonometric functions. The algebra 2 course focuses on four critical areas: extending the real number system to the complex number system, solving and interpreting solutions to a variety of equations, inequalities, and systems of equations, demonstrate competency graphing and interpreting the functions referenced above, and extend simple and compound probability calculations to conditional probability. The Mathematical Practice Standards apply throughout the course and, together with the content standards, prescribe that students experience mathematics as a coherent, useful, and logical subject that makes use of their ability to make sense of problem situations. Prerequisite: 1 credit of Algebra 1 and 1 credit of Geometry and teacher recommendation.

Honors Algebra II

MA75HA/B

Grades: 10-11

College Prep: Yes

Credit: 1.0

Duration: 1 year

Fee:

Prerequisite: Algebra 1

Building on their work with linear, quadratic, and exponential functions, students extend their repertoire of functions to include polynomial, rational, radical, logarithmic, exponential, and trigonometric functions. The algebra 2 course focuses on four critical areas: extending the real number system to the complex number system, solving and interpreting

solutions to a variety of equations, inequalities, and systems of equations. demonstrate competency graphing and interpreting the functions referenced above, and extend simple and compound probability calculations to conditional probability. The Mathematical Practice Standards apply throughout the course and, together with the content standards, prescribe that students experience mathematics as a coherent, useful, and logical subject that makes use of their ability to make sense of problem situations. Beyond the standard Algebra 2 curriculum, students in honors algebra 2 will synthesize skills from critical areas to complete complex application tasks as well as adhere to a higher expectation of understanding and justification of their work in preparation for future advanced placement coursework in mathematics.

Quantitative Reasoning

MA89A/B

Grades: 11-12 **College Prep:** Yes **Credit:** 1.0 **Duration:** 1 year **Fee:**

This course is designed to build student awareness and develop a positive attitude, understanding, and confidence using mathematics in the content areas of finance, growth, probability, statistics, and common applications encountered in society. This class is not recommended for students who intend to take Pre-Calculus the following year. Prerequisite Successful completion of Algebra II (MA70A/B)

Dual Enrollment College Mathematics

MA85AW/BW

Grades: 11-12 **College Prep:** Yes **Credit:** 1.0 **Duration:** 1 year **Fee:**

Prerequisite: Student meets 2 or more of the requirements on the [CCC course placement guide](#).

This course is designed to build student awareness and develop a positive attitude, understanding, and confidence using mathematics in the content areas of finance, growth, probability, statistics, and common applications encountered in society. This class is not recommended for students who intend to take Pre-Calculus the following year. A passing score on the mathematics placement test from Coconino Community College, a score of 450 on the SAT, or a score of 17 on the ACT mathematics sections is required to qualify for dual enrollment credit with CCC (MAT 140).

AP/DE Precalculus (w/DE option)

MA89AW/BW

Grades: 11 -12 **College Prep:** Yes **Credit:** 1.0 **Duration:** 1 year **Fee:**

AP Prerequisite: Successful completion of Algebra 2. **DE Prerequisite:** Student meets 2 or more of the requirements on the [CCC course placement guide](#).

AP Precalculus centers on functions modeling dynamic phenomena. This research-based exploration of functions is designed to better prepare students for college-level calculus and provide grounding for other mathematics and science courses. In this course, students study a broad spectrum of function types that are foundational for careers in mathematics, physics, biology, health science, social science, and data science.

AP Calculus AB

MA98AW/BW

Grades: 11 -12 **College Prep:** Yes **Credit:** 1.0 **Duration:** 1 year **Fee:**

Prerequisite: successful completion of Honors Pre-Calculus

This course will cover the first semester of college calculus and provides a study of the concepts of function, limit, continuity, derivative, integral and their applications to real-world situations. Students will synthesize skills from critical areas to complete complex application tasks as well as adhere to a higher expectation of understanding and justification of their work. Students may earn 3-6 hours college credit based on the score received on the Advanced Placement Calculus A/B exam. All students are encouraged to take the exam.

AP/DE Statistics (w/DE option)

Grades: 11-12

College Prep: Yes

Credit: 1.0

Duration: 1 year

Fee:

Prerequisite: successful completion of Algebra II and teacher recommendation **DE Prerequisite:** Student meets 2 or more of the requirements on the [CCC course placement guide](#).

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 earn 3 hours college credit if they pass the Advanced Placement Statistics test. All students are encouraged to take the AP exam.

IB Math 11 & 12 Applications & Interpretations (A&I) High Level (SL) IBMA101 (11th grade) IBMA102 (12th grade)

Grades: 11 & 12

College Prep: Yes

Credit: 1.0/year

Duration: 2 Years

Fee:

The IB DP Mathematics: applications and interpretation course recognizes the increasing role that mathematics and technology play in a diverse range of fields in a data-rich world. As such, it emphasizes the meaning of mathematics in context by focusing on topics that are often used as applications or in mathematical modeling. To give this understanding a firm base, this course includes topics that are traditionally part of a pre-university mathematics courses such as calculus and statistics. Students are encouraged to solve real-world problems, construct and communicate this mathematically and interpret the conclusions or generalizations. Students should expect to develop strong technology skills, and will be intellectually equipped to appreciate the links between the theoretical and practical concepts in mathematics. All external assessments involve the use of technology. Students are also encouraged to develop the skills needed to continue their mathematical growth in other learning environments. The internally assessed exploration allows students to develop independence in mathematical learning. Throughout the course students are encouraged to take a considered approach to various mathematical activities and to explore different mathematical ideas.

IB Math 11 & 12 Applications & Interpretations (A&I) High Level (HL) IBMA201 (11th grade) IBMA202 (12th grade)

Grades: 11 & 12

College Prep: Yes

Credit: 1.0/year

Duration: 2 Years

Fee:

The IB DP Mathematics: applications and interpretation course recognizes the increasing role that mathematics and technology play in a diverse range of fields in a data-rich world. As such, it emphasizes the meaning of mathematics in context by focusing on topics that are often used as applications or in mathematical modelling. To give this understanding a firm base, this course includes topics that are traditionally part of a pre-university mathematics course such as calculus and statistics. Students are encouraged to solve real-world problems, construct and communicate this mathematically and interpret the conclusions or generalizations. Students should expect to develop strong technology skills, and will be intellectually equipped to appreciate the links between the theoretical and the practical concepts in mathematics. All external assessments involve the use of technology. Students are also encouraged to develop the skills needed to continue their mathematical growth in other learning environments. The internally assessed exploration allows students to develop independence in mathematical learning. Throughout the course students are encouraged to take a considered approach to various mathematical activities and to explore different mathematical ideas.

Resource Pre-Algebra

GNMA42A/B

Grades: 09 -12

College Prep: No

Credit: 1.0

Duration: 1 year

Fee:

This course is not offered for the 2020-21 school year. This course is designed for students who qualify for special education services. This course reinforces arithmetic skills, developing the pre-algebra concepts of variable recognition, signed numbers, formulas, exponents and percentages. Students will be introduced to algebraic symbolism, simplifying expressions, and solutions to elementary equations.

Resource Consumer Math

GNMA46A/B

Grades: 12

College Prep: No

Credit: 1.0

Duration: 1 year

Fee:

This course is designed for students who qualify for special education services. Consumer Math is designed to teach students everyday math skills such as balancing a checkbook, creating a budget, buying a car or home, personal record keeping and paying taxes. The goal of a Consumer Math course is to enable students to make educated decisions on matters of personal finance.

Science Courses

University Recommended Pathways - 3 Years of Lab Science Courses (4 years recommended)

	Graduation 3 year Science	Community College Bound 3-4 years Science (Recommended)	University-Bound <i>Strong Math Skills</i> 3-4 years Science (Recommended)	CIT Sequence 4-5 years Science
9 th Grade	Life Science (Freshman Only)	Earth Science	Biology	Honors Physics*
10 th Grade	Biology OR Earth Science	Biology	Chemistry OR Physics	Honors Chemistry*
11 th Grade	Chemistry OR Environmental Science**	Chemistry OR Physics	Chemistry OR Physics OR AP [®] Physics 1 OR IB Sports, Exercise and Health Science**	<i>Choice of Advanced Offerings or AP[®] Offerings</i>
12 th Grade		<i>Choice of Advanced Offerings or AP[®] Offerings based on prerequisites. Highly recommended 4th year of science.</i>		

Please consult with a counselor to determine the courses that meet individual needs.

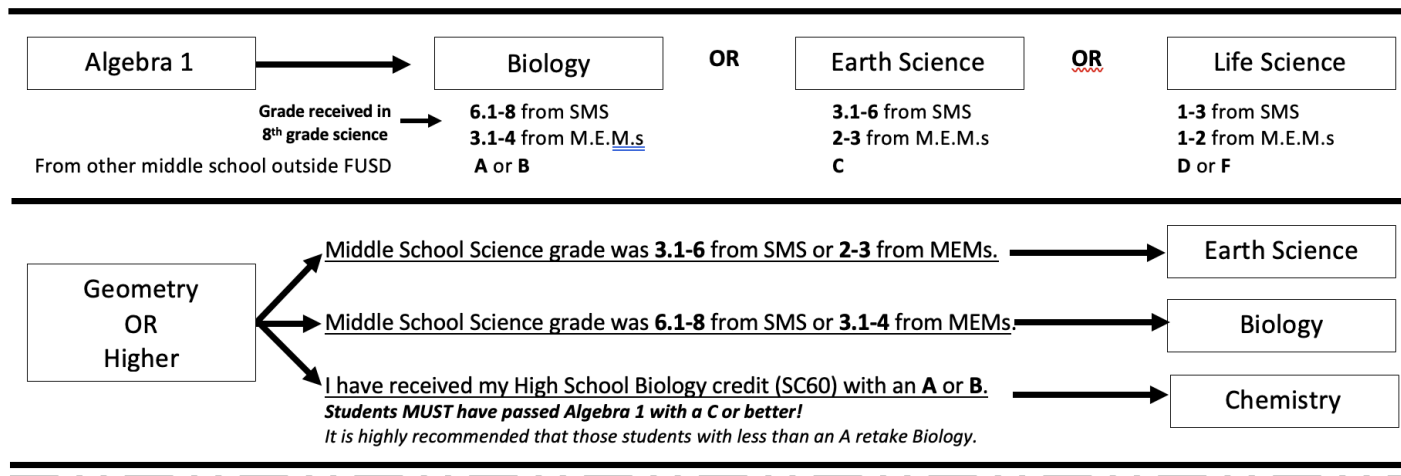
*Honors Sciences are for student in the CIT Program

**IB Sports, Exercise, and Health Science is needed for IB Program Completers.

CHS 9th Grade Initial Placement

Math Class you are registering for:

Science class you should sign up for:



Honors Physics → Only students who apply and are accepted into CIT will be enrolled in Honors Physics with Acceptance into CIT Program

Life Science (lab)

SC48A/B

Grades: 9

College Prep: No

Credit: 1.0

Duration: 1 year

Fee: \$15.00

Life Science is a class intended for incoming freshmen (9th grade) who are not yet ready to take a more advanced lab science, such as biology, based on 8th grade science scores. Students will be exposed to critical elements of science that require them to activate prior knowledge in order to grasp new concepts while honing skills needed for the scientific inquiry process. Students will explore science components with an emphasis on obtaining science vocabulary, writing skills, and mathematical proficiency (metric system, graphs, data analysis). Students will have a variety of science experiences, with possible topics including: nature of science, ecology, cell biology, and genetics.

Earth & Space Science (lab)

SC59A/B

Grades: 9 -12

College Prep: Yes

Credit: 1.0

Duration: 1 year

Fee: \$15.00

This laboratory course places an emphasis on physical geology and astronomy. The Earth's origin, structure, and composition will be covered, as well as dynamic features such as volcanoes, plate tectonics, and earthquakes. The life cycle of a star, origin of our universe and solar system will also be covered. Activities include data collection, modeling, map reading, identifying rocks and minerals.

Biology (lab)

SC60A/B

Grades: 8 -12

College Prep: Yes

Credit: 1.0

Duration: 1 year

Fee: \$15.00

Prerequisite: Concurrent enrollment in Algebra I.

This is an introductory course in Biology which emphasizes the learning of problem-solving skills through scientific inquiry and laboratory activities. Students will be able to: Demonstrate proper lab safety techniques, explain the relationships between structures and their functions, predict consequences, or outcomes of data, make inferences based on data, classify data and propose solutions to real-world problems. Topics include taxonomy, cell biology and metabolism, genetics, ecology, evolution. This course is a lab science. The course also includes an introduction to lab techniques such as using a microscope and conducting field observations. The labs will include both wet labs and dry labs (pencil and paper or hands on activities).

Chemistry (lab)

SC70A/B

Grades: 10 -12

College Prep: Yes

Credit: 1.0

Duration: 1 year

Fee: \$25.00

Prerequisite: Students enrolling in Chemistry should have successfully passed one other lab science class (preferably Biology or Earth Science) with a C or better and completed Algebra 1 with a C or better with a current science teacher recommendation.

Chemistry 1 involves extensive laboratory experiences that encourage the discovery approach to learning science. The course is designed to give students a practical foundation for everyday applications of chemistry and skills necessary for further growth in science and related fields. Opportunities to experience concepts will come through a variety of learning techniques, such as laboratory experiments, problem solving, lecture/discussion, etc. This class is a lab science; there will be daily homework.

Environmental Science (non-lab)

SC91A/B

Grades: 11-12

College Prep: No

Credit: 1.0

Duration: 1 year

Fee: none

This course is a survey of fundamental topics in Environmental Science, and builds on concepts from Life and Physical Science. It will also introduce concepts from Earth Science and Chemistry. This course will help the student incorporate these concepts into a strong system-level understanding of our planet and the impacts of human society. Upon successful completion of Environmental Science, students will receive one credit which fulfills one of the three science credits required for graduation from CHS. Environmental science is not, however, accepted by the AZ Board of Regents as one of the three science classes needed for unrestricted admission into one of the state's four year colleges.

Physics (lab)

SC88A/B

Grades: 10 -12

College Prep: Yes

Credit: 1.0

Duration: 1 year

Fee: \$25.00

Prerequisites: Successful completion of one other lab science class with a C or better and completed geometry with a C or better with a current science teacher recommendation.

Physics is a fundamental science dealing with mechanics and energy. Students learn about different forms of energy such as mechanical, electrical, light and sound, by using a variety of learning techniques such as laboratory experiences, problem solving, discussions and projects. A large emphasis is placed on the ability to use technology to collect and interpret data and make predictions from models derived in laboratory experiments. Students learn the fundamentals of kinematics and dynamics, circular motion, gravity laws, momentum and conservation of energy. The culmination of this course is a field trip to experience the physics of amusement parks.

AP Chemistry (lab)

SC99AW/BW

Grades: 11-12

College Prep: Yes

Credit: 1.0

Duration: 1 year

Fee: \$25.00

Prerequisites: Teacher recommendation and instructor approval. Students enrolling in AP Chemistry should have strong math skills and be at least concurrently enrolled in Algebra 2 or higher, with the *suggested* enrollment in Pre-Calc or higher. Students enrolling in AP Chemistry must also have completed Chemistry 1 with a B or better or have prior instructor approval.

This Advanced Placement course is designed to be the equivalent of the general chemistry course usually taken during the first year of college. The AP Chemistry course is designed to be taken only after the successful completion of high school chemistry 1. Topics include atomic theory and atomic structure, chemical bonding, molecular models, behavior of gasses, solutions, and solids, chemical reactivity and stoichiometry, chemical kinetics, thermodynamics, and dynamic equilibrium. Approximately 20% of the course is dedicated to laboratory experiments.

AP Physics I (lab)

*****Not offered for the 2025-26 school year*****

SC91AW/BW

(Offered SY: 2026-2027)

Grades: 11 -12

College Prep: Yes

Credit: 1.0

Duration: 1 year

Fee: \$25.00

Prerequisites: It is expected that students enrolling in this course have strong math skills in graphical methods, solving equations, and basic trigonometry. Students enrolling in AP Physics 1 should have completed geometry with a C or better, and be concurrently enrolled in Algebra II or higher.

This course is offered every other year. This Advanced Placement course is a college level, algebra-based study of Newtonian Mechanics (including rotational dynamics and angular momentum) work, energy, power, fluids. This course places a heavy emphasis on college-level laboratory work with the extensive use of technology and sensors. Engineering projects will be done throughout the course to help students apply the physics concepts learned in class. Students wishing to take the AP exam to earn AP credit for either algebra or calculus-based physics may elect to take the AP Physics exam in May. AP Physics 1 is the first of a two-year course sequence. AP Physics II will cover fluid mechanics, thermodynamics, electricity and magnetism, optics, and atomic and nuclear physics.

AP Physics II (lab)

SC97AW/BW

(Offered SY: 2025-2026 & 2027-2028)

Grade: 11-12 **College Prep:** Yes **Credit:** 1.0 **Duration:** 1 year **Fee:** \$25.00

Prerequisites: It is expected that students enrolling in this course have strong math skills in graphical methods, solving equations, and basic trigonometry. Students enrolling in AP Physics 2 should have completed geometry with a C or better, and be concurrently enrolled in Algebra II or higher. Students enrolling in AP Physics 2 must also have taken one or more of the following with a C or better: CIT Physics, Physics, or AP Physics 1.

This course is offered every other year. This advanced placement course is a college-level, algebra-based study of electricity, magnetism, thermodynamics, mechanical waves and sound, light, geometric and physical optics, radiation, quantum and nuclear physics. This course places a heavy emphasis on college-level laboratory work with the extensive use of technology and sensors. Engineering projects will be done throughout the course to help students apply the physics concepts learned in class. Students wishing to take the AP exam to earn AP credit for algebra-based physics are encouraged to take the AP Physics exam in May.

Honors DE Anatomy & Physiology (lab)

SC90A/B

Grades: 11 -12 **College Prep:** Yes **Credit:** 1.0 **Duration:** 1 year **Fee:** \$25.00

Prerequisite: Biology and Chemistry with grades of C or better.

This course is ideal for students who desire to work in medical careers as physicians, nurses, physical therapists, speech pathologists, athletic trainers, nutritionists, and many other avenues. Taking this course in high school provides a head start for college-level science curriculum. Students can earn 4 college credits for grades of C or better by completing the course. Some students may take the course because of personal interests or curiosity. Anatomy and Physiology is perfect for students who desire academic challenges and enjoy hands-on and self-directed learning. Skills for success include self-motivation, active participation, collaboration, and consistent effort and engagement.

IB Sports, Exercise, and Health Science (SL) (Lab)

IBSC101A/B

Grades: 11 & 12 **College Prep:** Yes **Credit:** 1.0/year **Duration:** 1 Year **Fee:** TBD

Prerequisite: Successful completion of Algebra 1, Biology, and 1 other lab science course (chemistry strongly recommended but not required) with a current science teacher recommendation.

Sports, Exercise, and Health Sciences (SEHS) incorporates the traditional disciplines of anatomy and physiology, biomechanics, psychology, and nutrition, which are studied in the context of sport, exercise, and health. Students will cover a range of core and option topics and carry out experimental investigations in both laboratory and field settings. This will provide an opportunity to acquire the knowledge and understanding to apply scientific principles and critically analyze human performance. Those who think they are interested in this course should have an interest in science, be willing to do research, data analysis and statistics, and be comfortable writing full lab reports.

Social Studies Courses

Please consult with a counselor to determine the courses that meet individual needs.

Grade	Graduation Requirements (3 credits)	University Recommended Pathways		
		AZ University Admission Minimum	AP	IB Diploma
9th Grade	None	None	None	None
10th Grade	World History/Geography	World History/Geography	AP World History	Economics & American Government or AP Economics & American Government
11th Grade	U.S. History	U.S. History	AP U.S. History	IB World History Topics High Level (HL)
12th Grade	Economics & American Government	Economics & American Government	AP Microeconomics & AP American Government	IB History of the Americas High Level (HL)

World History/Geography

SS60A/B

Grades: 10-12

College Prep: Yes

Credit: 1.0

Duration: 1 year

Fee:

World History is a one year survey course designed to give students an overview of the history of the world from approximately 8,000 B.C.E. to the present. Students will examine several themes in history including the interactions between humans and the environment, development and interactions of cultures, state-building, creation and interaction of economic systems, and the development and transformation of social structures. Students should expect to do a significant amount of reading, writing, and research through various projects throughout the school year. Students will also gain an understanding of how to use technology appropriately as the social studies department continues to integrate technology into its courses.

AP World History: Modern (w/ DE option)

SS65AW/BW

Grades: 10

College Prep: Yes

Credit: 1.0

Duration: 1 year

Fee:

Students will understand, discuss, and write intelligently about major global historical developments from 1200 C.E. to the present. Students will develop their ability to interpret primary and secondary sources, compare civilizations, and use geographic and statistical data to draw conclusions about the causes and effects of historical events. This course represents a freshman-level university course and students may receive university credit through the successful completion of the AP World History exam in May.

US History

SS70A/B

Grades: 11-12

College Prep: Yes

Credit: 1.0

Duration: 1 year

Fee:

US History will allow students to analyze our national experience through time, to recognize the relationships of event and people, and to interpret significant patterns, themes, ideas, beliefs, and turning points in AZ and American history. The course covers the entire course of American History.

AP US History (w/DE option)

SS77AW/BW

Grades: 11

College Prep: Yes

Credit: 1.0

Duration: 1 year

Fee:

AP US History is a year-long class designed to provide an in-depth study of United States History from its beginning roots to the modern era. It prepares students for college level work as well as the Advanced Placement exam in the spring. All students in this course will be highly encouraged to take the AP Exam for which they can earn college credit.

American Government

SS80

Grades: 10 & 12

College Prep: Yes

Credit: 0.50

Duration: 1 semester

Fee:

This course is offered in the senior year as a course to better prepare the senior student for the responsibilities of the adult world. American Government investigates the state and federal government in today's society and the social problems that concern each government. It also provides students with a realistic background for solving and understanding problems that confront the individual. Arizona Government is integrated into the course. This is a one semester class. Students must also enroll in Economics.

AP American Government

SS86W

Grades: 10 & 12

College Prep: Yes

Credit: 0.50

Duration: 1 semester

Fee:

Advanced Placement American Government is an in-depth course that offers a critical exploration of the American political process. The college level curriculum explores such topics as constitutional development, political socialization, the impact of interest groups, and interrelationship of the three branches of government. This class also prepares interested students for the Advanced Placement Government exam. This class fulfills the 12th grade American Government requirement.

Economics

SS90

Grades: 10 & 12

College Prep: Yes

Credit: 0.50

Duration: 1 semester

Fee:

Free Enterprise is designed to give the student a better understanding of the American economic system. It also provides students with a realistic background for solving and understanding problems that confront the individual. This is a one semester class required for graduation. Students must also enroll in American Government.

AP Microeconomics

SS96W

Grades: 10 & 12

College Prep: Yes

Credit: 0.50

Duration: 1 semester

Fee:

This course is an introduction to microeconomics. Microeconomics introduces students to the cost–benefit analysis that is the economic way of thinking. This analysis is used to understand smaller segments of the economy—specifically, consumers and producers—as they interact in output markets and resource markets, and to understand the government’s impact on these specific economic units. This course has a strong emphasis on analyzing current events and the practical implementation of economic decisions and policies. The course fulfills Arizona's state standards for Economics.

IB History: World Topics & History of the Americas 11 & 12 (HL)

Higher Level

IBSS201 & IBSS202

Grades: 11 & 12

College Prep: Yes

Credit: 1.0/year

Duration: 2 Years

Fee: N/A

The DP history course is a world history course based on a comparative and multi-perspective approach to history. It involves the study of a variety of types of history, including political, economic, social and cultural, and provides a balance of structure and flexibility with an emphasis on history of the 20th century. The course emphasizes the importance of encouraging students to think historically and to develop historical skills as well as gaining factual knowledge. It puts a premium on developing the skills of critical thinking, and on developing an understanding of multiple interpretations of history. In this way, the course involves a challenging and demanding critical exploration of the past. Teachers explicitly teach thinking and research skills such as comprehension, text analysis, transfer, and use of primary sources. There are six key concepts that have particular prominence throughout the DP history course: change, continuity, causation, consequence, significance and perspectives. The second year of this course focuses on the history of the Americas, with the United States as a case study in comparison with other countries in the Americas. Year 1 will count for the student’s World History Credit and year 2 will count for the student’s U.S. History credit.

Art

(Courses listed qualify for fine art credit)

Art

AR50

Grades: 09 -12 **College Prep:** Yes **Credit:** 0.50 **Duration:** 1 semester **Fee:** \$15.00

This course may be the beginning of an art major or an exploratory course for any student at any grade level. It offers an opportunity to work with various media such as pencil, ink, charcoal, pastels, acrylics, and watercolors. Elements of design and art history are emphasized. This class qualifies as a fine art credit.

Drawing & Painting I

AR60

Grades: 09-12 **College Prep:** Yes **Credit:** 0.50 **Duration:** 1 semester **Fee:** \$15.00

Drawing and Painting is designed to give the student more in-depth experience in a variety of paints including but not limited to acrylic, watercolor, and experience painting on different surfaces, drawing in pencil, and chalk or pastels. The students are expected to develop, maintain and experiment in the above areas with teacher guidance. Knowledge and effective use of the principles of design and more research and knowledge of artists in history is expected. This class qualifies as a fine art credit.

Drawing & Painting II

AR62

Grades: 10-12 **College Prep:** Yes **Credit:** 0.50 **Duration:** 1 semester **Fee:** \$15.00

Prerequisites: Art and Drawing Painting I.

Drawing & Painting II is the second drawing and painting course at CHS this class will offer students a chance to further explore the world of art through various media associated with drawing and painting, while learning how to better understand the world around them through art.

Drawing & Painting III

AR63

Grades: 10-12 **College Prep:** Yes **Credit:** 0.50 **Duration:** 1 semester **Fee:** \$15.00

Prerequisites: Art, Drawing and Painting I & II.

This class will offer students a chance to further explore the world of art through various media associated with drawing and painting, while learning how to better understand the world around them through art. The curriculum will center on drawing and painting and how to compose a piece of art by using the elements of art and principles of design.

Drawing & Painting IV

AR64

Grades: 11-12 **College Prep:** Yes **Credit:** .50 **Duration:** 1 semester **Fee:** \$15.00

This course is designed for students who have a post-secondary interest in Art. Students will be expected to guide their talents and interests into any 2 dimensional medium and create a portfolio of work throughout the semester. Class for Juniors and Seniors only.

Drawing & Painting V

AR66

Grades: 11-12

College Prep:

Credit: .50

Duration: 1 semester

Fee: \$15.00

This course is designed for students who have a post-secondary interest in Art. Students will be expected to guide their talents and interests into any 2 dimensional medium and create a portfolio of work throughout the semester. Class is for Juniors and Seniors only.

Sculpture/Ceramics semester 1

AR55

Grades: 09-12

College Prep: Yes

Credit: 0.50

Duration: 1 semester

Fee: \$15.00

This is an introductory studio class for students who wish to explore the art of ceramics. Emphasis will be placed on the design elements: line, shape, texture, form and color. Focus will be on hand building techniques: pinch, coil and slabs. Functional as well as sculptural applications will be explored. Glazing techniques will be introduced. There will also be an introduction to traditional and historical ceramic arts incorporated into the studio experiences.

Sculpture/Ceramics semester 2

AR55

Grades: 09-12

College Prep: Yes

Credit: 0.50

Duration: 1 semester

Fee: \$15.00

Prerequisite: Sculpture/Ceramics

Advanced Ceramics is a class designed for students to expand their basic knowledge and skills in hand building. Students will also be introduced to wheel throwing techniques. More emphasis will be placed on the craftsmanship and quality of the finished product. Students will propose projects of their own design as well as teacher-designed projects.

Ceramics and Sculpture III semester 1

AR56

Grades: 10-12

College Prep: Yes

Credit: 0.50

Duration: 1 semester

Fee: \$15.00

Prerequisite: Ceramics and Sculpture I & II.

This Advanced Ceramics class is for students who demonstrate a serious commitment to excellence and personal growth of their artwork. This course is geared to the student who is motivated to undertake very ambitious work in clay and further their understanding of ceramic art as a means of artistic expression and possible pursuit of study in college or further profession. Students will choose and prepare artwork for many exhibits.

Ceramics and Sculpture IV semester 2

AR57

Grades: 10-12

College Prep: Yes

Credit: 0.50

Duration: 1 semester

Fee: \$15.00

Prerequisite: Ceramics and Sculpture I, II & III.

Advanced ceramics is a studio course for students to further the study and design concept, form and function of the finished work. Students are encouraged to explore glazing and decoration techniques in depth. Students will continue to explore the media and develop a personal voice. Advanced ceramics students must be self-motivated and quality conscientious individuals. This class is for students who possibly want to pursue the study of Ceramics in college or a further profession. Students will choose and prepare artwork for many exhibits.

Ceramics and Sculpture V semester 1

AR58

Grades: 11-12 **College Prep:** Yes **Credit:** 0.50 **Duration:** 1 semester **Fee:** \$15.00
Prerequisite: Ceramics and Sculpture I, II, III & IV.

Advanced ceramics is a studio course for students to further the study and design concept, form and function of the finished work. Students are encouraged to explore glazing and decoration techniques in depth. Students will continue to explore the media and develop a personal voice. Advanced ceramics students must be self-motivated and quality conscientious individuals. This class is for students who possibly want to pursue the study of Ceramics in college or a further profession Students will choose and prepare artwork for many exhibits.

Ceramics and Sculpture VI semester 2

AR59

Grades: 11-12 **College Prep:** Yes **Credit:** 0.50 **Duration:** 1 semester **Fee:** \$15.00
Prerequisite: Ceramics and Sculpture I, II, III, IV & V.

Advanced ceramics is a studio course for students to further the study and design concept, form and function of the finished work. Students are encouraged to explore glazing and decoration techniques in depth. Students will continue to explore the media and develop a personal voice. Advanced ceramics students must be self-motivated and quality conscientious individuals. This class is for students who possibly want to pursue the study of Ceramics in college or a further profession Students will choose and prepare artwork for many exhibits.

Advanced Art Studio

AR67

Grades: 12 **College Prep:** Yes **Credit:** 0.50 **Duration:** 1 semester **Fee:** \$15.00
Prerequisite: Intro to Art, Drawing & Painting 1, 2, 3, 4, & 5.

Advanced Art Studio is the capstone of the art program here at Coconino High School. All students enrolled in this course are **required to have completed Introduction to Art and Drawing and Painting 1, 2, 3, 4, and 5**. This course is designed for students who have a post-secondary interest in Art. With **six** semesters of high school art already completed, students will be expected to guide their talents and interests into any two-dimensional medium and create a portfolio of work throughout the semester. Students will be expected to focus in on a specific area and to demonstrate relative mastery within that medium. A working knowledge of all of the elements and principles of design is expected. Students will develop their skills and hone their technical abilities during this course.

IB Visual Art 11 & 12 Standard Level (SL)

IBAR101 & IBAR102

Grades: 11 & 12 **College Prep:** Yes **Credit:** 1.0/year **Duration:** 2 Years **Fee:** \$50/Yr

The IB Diploma Programme visual arts course encourages students to challenge their own creative and cultural expectations and boundaries. It is a thought-provoking course in which students develop analytical skills in problem-solving and divergent thinking, while working towards technical proficiency and confidence as art-makers. In addition to exploring and comparing visual arts from different perspectives and in different contexts, students are expected to engage in, experiment with and critically reflect upon a wide range of contemporary practices and media. The course is designed for students who want to go on to further study of visual arts in higher education as well as for those who are seeking lifelong enrichment through visual arts. The role of visual arts teachers should be to actively and carefully organize learning experiences for the students, directing their study to enable them to reach their potential and satisfy the demands of the course. Students should be empowered to become autonomous, informed and skilled visual artists.

Career and Technical Education (CTE) Pathways

Many of our CTE courses are dual enrolled with Coconino Community College allowing students to receive free college credit for completing the course. The goal of the CHS CTE Department is for each student to become a program completer. To qualify as a completer, each student must complete the required 2 or 3 years in a specific program. Students in their 2nd or 3rd year of their program can also earn an industry credential as outlined below. All CTE courses are one full year. All CTE students will be able to participate in Career and Technology Student Organizations (CTSO) such as Skills USA, FBLA, FCCLA.

CTE Pathways/Programs

CTE Exploratory- All 9 th grade students are highly encouraged to take this course. In this course, students will explore and rotate through our CTE pathways/programs by spending 4-5 weeks in: <i>Automotive Technologies, Architectural Interior Design, Digital Photography, Engineering, Entrepreneurship, Film/TV & Graphics, Welding Technologies and Woods</i> . This class is a prerequisite for Automotives and Welding Technologies I.		
Agriscience Year 1: Intro to Agriscience Year 2: *Agriscience 1 Year 3: Agriscience 2 Year 4: Internship and/or WBL CTSO: FFA Program: 3 years Industry Cert: OSHA 10 Agriculture *Optional Science credit	Automotive Technologies Year 1: Autos 1 Year 2: Autos 2 Year 3: Autos 3 Year 4: Internship and/or WBL CTSO: SkillsUSA Program: 3 years Industry Cert: ASE	Architectural Interior Design Year 1: AID 1 Year 2: AID 2 Year 3: Additional courses offered, WBL and/or internship CTSO: FCCLA Program: 2 years Industry Cert: Retail Industry Fundamentals
CIT Engineering (application based) Year 1: CIT Engineering 1 Year 2: CIT Engineering 2 Year 3: CIT Engineering 3 Year 4: Internship and/or WBL CTSO: Skills USA Program: 3 years Industry Cert: SolidWorks	Culinary Arts Year 1: Culinary Arts 1 Year 2: Culinary Arts 2 Year 3: Culinary Arts 3 or Baking/Pastry CTSO: FCCLA Program: 2 years Industry Cert: Coconino County Food, Handler's & Food Manager's license	Digital Photography Year 1: Digital Photography 1 Year 2: Digital Photography 2 Year 3: Additional courses offered, WBL and/or internship CTSO: SkillsUSA Program: 2 years Industry Cert: Adobe Certified Professional
Engineering Year 1: Engineering 1 Year 2: Engineering 2 Year 3: Engineering 3 Year 4: Internship and/or WBL CTSO: SkillsUSA Program: 3 years Industry Cert: SolidWorks	Entrepreneurship Year 1: Entrepreneurship 1 Year 2: Entrepreneurship 2 Year 3: Internship and/or WBL CTSO: TBD Program: 2 years Industry Cert: TBD	Film/TV & Graphics Year 1: Film/TV & Graphics 1 Year 2: Film/TV & Graphics 2 Year 3: Additional courses offered, WBL and/or internship CTSO: SkillsUSA Program: 2 years Industry Cert: Adobe Certified Professional
Welding Technologies Year 1: Welding 1 Year 2: Welding 2 Year 3: Additional courses offered, WBL and/or internship CTSO: SkillsUSA Program: 2 years Industry Cert: OSHA 10	Woods Year 1: Woods 1 Year 2: Woods 2 Year 3: Additional courses offered, WBL and/or internship CTSO: SkillsUSA Program: 2 years Industry Cert: OSHA 10 Construction	Work Based Learning Year 1: On the Job Year 2: On the Job

CTE Exploratory

CT05A/B

Grades: 09

College Prep: Yes

Credit: 1.0

Duration: 1 year

Fee:

The purpose of this course is to provide 9th grade students with an overview of the principles and practices in each of the following areas: Automotive Technologies, Architectural Interior Design, Digital Photography, Engineering, Entrepreneurship, Film/TV & Graphics, Welding Technologies and Woods. During the progression of the school year, students will rotate through each area gaining insight into the career and technical education courses offered at Coconino High School. This is a prerequisite for Auto Mechanics I and Welding I.

Introduction to Agriscience

CT159A/B

Grades: 9-12

College Prep: Yes

Credit: 1.0

Duration: 1 year

Fee: \$15.00

Prerequisite: None

Introduction to Agriscience is the first course of the Agriscience program at CHS. It provides students with an overview of the fields of agricultural science, including topics of animal science, plant science, soil science, food systems, natural resource management, and ag power and technology. Students will gain an understanding of agriculture operations such as farming, ranching, and agriculture business. Experiential learning will be achieved through each student's Foundational Supervised Agricultural Experience (SAE). While in this course, students will also develop leadership skills by participating in FFA, the career and technical student organization for students in agriculture education.

Agriscience I (lab science option)

CT160A/B

Grades: 10 -12

College Prep: Yes

Credit: 1.0

Duration: 1 year

Fee: \$15.00

Prerequisite: Introduction to Agriscience

Agriscience I will be the second course in the Agriscience program at CHS for students who took Introduction to Agriscience during the 25-26 school year. Topics will include mineral soils, soilless systems, plant anatomy and physiology, history and use of animals, animal handling and safety, animal cells and tissues, and animal nutrition. Students will be expected to either continue their Foundational SAE from the previous year or begin to develop their Immersion SAE. SAE stands for Supervised Agricultural Experience. While in this course, students will also develop leadership skills by participating in FFA, the career and technical student organization for students in agriculture education. **This class can qualify for a lab science credit.**

Agriscience II

CT161A/B

Grades: 10-12

College Prep: Yes

Credit: 1.0

Duration: 1 year

Fee: \$15.00

Prerequisite: Agriscience I

Agriscience II is the second course in the Agriscience sequence at CHS for students who took Agriscience I during the 24-25 school year. Topics will include mineral soils, soilless systems, plant anatomy and physiology, history and use of animals, animal handling and safety, animal cells and tissues, and animal nutrition. Students will be expected to either continue their Foundational SAE from the previous year or begin to develop their Immersion SAE. SAE stands for Supervised Agricultural Experience. While in this course, students will also develop leadership skills by participating in FFA, the career and technical student organization for students in agriculture education.

Agriscience III

CT162A/B

Grades: 10-12

College Prep: Yes

Credit: 1.0

Duration: 1 year

Fee: \$15.00

Prerequisite: Agriscience II

Agriscience III is currently the final course in the Agriscience sequence at CHS for students who took Agriscience II during the 24-25 school year. Topics will include soil management, plant management, alternative production systems, animal management, GMOs, integrated pest management, and alternative energy sources. Students will be expected to continue to develop their Immersion SAE. SAE stands for Supervised Agricultural Experience. While in this course, students will also develop leadership skills by participating in FFA, the career and technical student organization for students in agriculture education.

Auto Mechanics I

CT53A/B

Grades: 10-12

College Prep: Yes

Credit: 1.0

Duration: 1 year

Fee: \$40.00

Auto I is a course designed to introduce students to the automotive field. Auto I is designed for students to gain skills to be used toward higher level classes or at home repairs. Throughout the year students will learn how to properly maintain a vehicle and work toward repairs that can be done at home. This class will also look into the different theories on how automotive systems work.

Auto Mechanics/Technology II (with Dual Enrollment option) CT54A/B

Grades: 10-12

College Prep: Yes

Credit: 1.0

Duration: 1 year

Fee: \$40.00

Automotive II is focused on expanding from Auto I with advanced diagnostics and troubleshooting. Students will be working with project cars as well as lab based projects. Students will be introduced to axles, transmissions, engine performance, etc. This class is based on NATEF (National Automotive Technicians Education Foundation) curriculum designed to prepare students for a career in the automotive field. ***This is a dual enrollment course. We partner with CCC allowing students to earn college credit.***

Auto Mechanics/Technology III (with Dual Enrollment option) CT55A/B

Grades: 11-12

College Prep: Yes

Credit: 1.0

Duration: 1 year

Fee: \$40.00

This course is a continuation of Automotive Technology 2. This course will focus on advanced projects, diagnosis, and troubleshooting. This class is designed for students who want to pursue a career in the automotive field or want to continue to expand their knowledge of automotive technology. This class is based on NATEF (National Automotive Technicians Education Foundation) curriculum designed to prepare students for a career in the automotive field. ***This is a dual enrollment course. We partner with CCC allowing students to earn college credit.***

Fabrication Design Auto Fusion

CT58A/B

Grades: 11-12

College Prep: Yes

Credit: 1.0

Duration: 1 year

Fee: \$40.00

This course allows the serious student who is interested in automotive design and fabrication to take a hands-on role in fabricating, body working, metal working and building cars. Students will be receiving skills that are not covered in normal automotive classes. This class is only offered in the evening.

Automotive Technology IV - Internship

CT87A/B

Grades: 12

College Prep: Yes

Credit: 1.0

Duration: 1 year

Fee:

Prerequisites: Autos I, II, and III

Automotive Technology IV – Internship provides CTE students an opportunity to engage in learning through participation in a structured work experience that can either be paid or unpaid and does not necessarily require classroom instruction that involves the application of previously developed Automotive Technologies knowledge and skills.

Architectural Interior Design

CT107A/B

Grades: 9-12

College Prep: Yes

Credit: 1.0

Duration: 1 year

Fee: \$25.00

Students who enroll in this course will explore elements and principles of design as they apply to residential, commercial, and retail spaces. We will be exploring college and career opportunities as well as current trends and influences on the housing and construction industry including cultural and historical influences. All students will have the opportunity to participate as members of the national Career and Technical Student Organization, FCCLA.

Architectural Interior Design II

CT108A/B

Grades: 10-12

College Prep: Yes

Credit: 1.0

Duration: 1 year

Fee: \$25.00

Students will focus on technical aspects of designing residential, commercial and retail spaces including anthropometrics, building codes and technical drawings. We will be exploring current trends and influences on the housing industry including cultural and historical influences. Much of the class will be independent, student led learning. Students will also have the opportunity to participate as members of the national Career and Technical Student Organization, FCCLA.

Architectural Interior Design III

CT109A/B

Grades: 11-12

College Prep: Yes

Credit: 1

Duration: 1 year

Fee: \$25.00

Students will apply technical concepts and knowledge through hands on projects inside and outside of the classroom. The goal of AID III is to make a positive impact on the physical environment of the school through student led design, redesign, and remodeling. Students will work with various clients to help make design decisions and implement their design. Students will also be members of the national organization FCCLA and have the opportunity to compete in-state and national competitions for interior design.

Culinary Arts I

CT06A/B

Grades: 9 -12

College Prep: Yes

Credit: 1.0

Duration: 1 year

Fee: \$60.00

Culinary Arts I is the introductory course for the 2-year Culinary Arts coherent sequence. This is an entry-level class providing basic principles in food science, food safety, and food preparation. Students will learn basic baking and cooking techniques. It is designed to introduce students to fundamental food preparation terms, concepts, and methods in Culinary Arts; laboratory practice will support classroom instruction/learning. Essential terminology, knowledge and skills/techniques are covered with an emphasis on basic kitchen safety, sanitation, equipment maintenance, and operation procedures.

Culinary Arts II

CT07A/B

Grades: 10 -12

College Prep: Yes

Credit: 1.0

Duration: 1 year

Fee: \$60.00

Prerequisites: Culinary Arts I

Culinary Arts II is a continuation of skills learned in Culinary Arts I. This course provides “hands-on” training for students interested in a job in the food industry. Students obtain a Food Handler’s card, a nationally recognized industry certification from Always Food Safe. Students assume the responsibility for running The Panther Café, a licensed restaurant and bakery. Students learn advanced skills in a state-of-the art professional kitchen. Students have the opportunity to compete in CCAP, FCCLA and various other culinary competitions to earn college scholarships.

Culinary Arts III

CT92A/B

Grades: 11-12

College Prep: Yes

Credit: 1.0

Duration: 1 year

Fee: \$60.00

Prerequisites: Culinary Arts I & II, with a C or higher

Culinary Arts III is a continuation of skills learned in Culinary Arts II. Third-year students work in this advanced “hands-on class,” as kitchen managers in planning, preparing and continuing the responsibility for running The Panther Café, a licensed restaurant and bakery. Students receive their Food Manager’s license, which is a nationally recognized industry certification from Always Food Safe. Students learn advanced skills in a state-of-the art professional kitchen. Professional skills are developed in planning, preparing, marketing and serving meals to teachers, staff, student clubs and various sports clubs. Students have the opportunity to compete in CCAP, FCCLA and various other culinary competitions to earn college scholarships.

Baking and Pastry

CT20A/B

Grades: 11 - 12

College Prep: Yes

Credit: 1.0

Duration: Full-Year

Fee: \$60.00

Prerequisites: Culinary Arts I & II, with a C or higher

This course is an advanced baking course for students who are interested in a possible career in the baking and pastry industry or as a great foundation in baking as a life skill. Students will work in a state-of the art professional kitchen learning a variety of advanced baking and pastry concepts and creating finished products. Students receive their Food Manager’s license, which is a nationally recognized industry certification from Always Food Safe. Products made will be offered in The Panther Café or for special catering events for our school and community. Students have the opportunity to compete in CCAP, FCCLA and various other culinary competitions to earn college scholarships.

IB Computer Science Standard Level (SL)

IBEL101

Grades: 11 & 12

College Prep: Yes

Credit: 1.0/year

Duration: 1 Year

Fee: \$30

The objective of the IB DP Computer Science SL course is to understand the fundamental concepts of computational thinking as well as knowledge of how computers and their ancillary devices operate. Underpinned by conceptual thinking and drawing on a wide spectrum of knowledge the course enables and empowers innovation, exploration and the acquisition of further knowledge. Students study computer science history, current topics and how computer science affects our world.. During the course the student will collaborate, think critically, develop computational solutions, study computer languages in practice and work on a comprehensive research paper and project to solve a question driven by

their own sense of inquiry. There is also a summative final exam students can take to earn college credit

Digital Photo/Design I

CT127A/B

Grades: 9 -12

College Prep: Yes

Credit: 1.0

Duration: 1 year

Fee: \$30.00

This class is a prerequisite for Digital Photography II, III, and Yearbook Publications. This class will introduce students to the mechanics and techniques of taking great photographs. Through weekly photo assignments, students will use a point and shoot camera to take photographs to improve their skills. Photographic fundamentals will include lighting, composition, posing subjects and camera functions. Students will learn the basic tools of photo editing using the software program Photoshop. Students can use their own camera or we will provide one. This class qualifies as a fine art credit.

Digital Photo/Design II

CT31A/B

Grades: 10 -12

College Prep: Yes

Credit: 1.0

Duration: 1 year

Fee: \$30.00

Prerequisite: Recommendation of C or higher in Digital Photo I.

Advanced Digital Photography uses the skills of taking good photos that students learned in the basic photo class and expands on them. Students will use a Digital SLR camera with interchangeable lenses to learn the techniques and fundamentals of shutter speeds, aperture and depth of field. Students will also learn how to design posters, flyers, and programs using their photos. Through the creation of projects students will learn the elements of design, studio lighting, and presentation. This class qualifies as a fine art credit.

Digital Media 1

CT175A/B

Grades: 10 -12

College Prep: Yes

Credit: 1.0

Duration: 1 year

Fee: \$30.00

Prerequisite: Film and TV I

The Digital Communication instructional program prepares students to gather, process, and deliver news — specifically CHS sports — through a variety of formats, including live production TV, podcasts, newspapers, magazines, weblogs (blogs) and other traditional and new media platforms. Students who successfully complete the Digital Communication program's coherent sequence of instruction will develop an in-depth understanding of news / sports writing and editing, reporting, photojournalism, page layout, media management, product distribution and delivery and specialized equipment operation and maintenance. Digital Communication students will explore the history and societal and economic impact of the digital communication industry and will examine legal and ethical considerations and business best practices unique to digital communication and related industries. Throughout the Digital Communication instructional program, students learn and practice valuable skills using real-world computer hardware and news-gathering equipment as well as industry standard live video editing software and other applications to create professional-grade media products including live streaming sports for our student-based enterprise CSPN (Coconino Sports Pulse Network) on *The Pulse* and the NFHS network.

Educational Professions

CT150A/B

Grades: 9 -12

College Prep: Yes

Credit: 1.0

Duration: 1 year

Fee: \$30.00

The Education Professions program is designed to prepare students for employment and/or postsecondary opportunities in the field of education. The program provides instruction in education career choices, education structure and systems, theories, history, pedagogy, developmental stages, learning styles and instructional methods. The Education Professions program also provides interactive experiences with students at different age levels in a variety of content areas in different educational environments. Education Professions is designed to articulate with the Introduction to Education

courses at the community college level as well as paraprofessional preparation programs. In addition to technical skills, students completing this program will develop advanced critical thinking skills, enhanced academic skills, develop civic responsibility, and comprehend the stages of human development and their impact on learning in the classroom. The Education Professions program is designed and delivered as a coherent sequence of school-based and work-based supervised learning. The Professional Skills developed by business and industry leaders across Arizona are integrated throughout the program. Education Professions students also develop leadership, social, civic, and career skills through their participation in the state-recognized Career and Technical Student Organization, Educators Rising.

Engineering I: Introduction to Engineering Design

CT80A/B

Grades: 9 -12

College Prep: Yes

Credit: 1.0

Duration: 1 year

Fee: \$30.00

This is a foundational preparatory course for those students pursuing careers in technical, design and engineering fields. Students dig deep into the engineering design process, utilizing project based learning techniques applying math, science, and engineering standards to hands-on projects. They work both individually and in teams to design solutions to a variety of problems. Students will learn to use SolidWorks , a 2D and 3D computer aided design and drafting (CADD) modeling software, to construct solid models and print them on a 3D printer. Learners keep a professional engineering notebook to document thoughts, ideas, sketches, and hand crafted drawings. Students will learn to use mills, band saws, laser cutters, 3D printers, hand tools, pneumatic tools and many more. Some hands-on lessons include learning to use a dial caliper, designing, building, and testing the load to weight ratio of bridges, and designing, building, and testing a model vehicle. Successful completion of a full year of this course will prepare students for the Principles of Engineering course.

Engineering II: Principles of Engineering

CT82A/B

Grades: 10 -12

College Prep: Yes

Credit: 1.0

Duration: 1 year

Fee: \$30.00

Prerequisite: Introduction to Engineering.

Through exciting and interesting problems that engage and challenge, students explore a broad range of engineering topics. Students continue to develop skills in problem solving, research, and design while learning strategies for design process documentation, collaboration, and presentation. Learners will continue to use 3D modeling software, laser cutters, and will learn to use a manual vertical mill, a manual lathe, CNC milling, and 3D printers while growing their skills using the engineering design process to seek out solutions to problems.

Engineering III: Advanced Engineering

CT89A/B

Grades: 11-12, priority to 12

College Prep: Yes

Credit: 1.0

Duration: 1 year

Fee: \$30.00

Prerequisite: Engineering I and II courses.

This year students prepare and complete a capstone project. During the first semester, students will continue to improve their problem solving skills using the engineering process, designing software, and shop tools. Students will continue to create prototypes to test and solve engineering problems. The projects will continue to delve deeper into science theory and challenge students to find and create physical solutions. The second semester is considered the capstone semester. During this semester, students will choose their own problem and work towards a solution to this problem using the tools and knowledge they have gained through the previous two and a half years. The final product is then presented to a body of peers and staff at the end of the year.

This course propels students' learning in the fundamentals of atmospheric and space flight. As they explore the physics of flight, students bring the concepts to life by designing an airfoil and testing it in a wind tunnel, explore and test propulsion system, work with composite materials, design and test model rocketry, design and construct gliders, and

build and fly a remote-controlled (RC) aircraft. They study and learn basic orbital mechanics using industry-standard software. They also explore robot systems through projects such as remotely operated vehicles.

Entrepreneurship

CT50A/B

Grades: 11-12

College Prep: Yes

Credit: 1.0

Duration: 1 year

Fee: \$30.00

This Entrepreneurship course allows students to learn what it is like to be an entrepreneur and how to create and maintain a successful business venture. Throughout the course, students will develop essential skills such as problem-solving, decision-making, teamwork, written communication, and public speaking. Students also utilize current technology to create multimedia presentations, spreadsheets, and written documents and locate up-to-date economic and business information. Students will explore real-world case studies that highlight ethical dilemmas, examining the moral implications of various business practices. The course culminates in developing a complete and working business plan for a new business venture.

Film, TV, & Graphics I (with Dual Enrollment option)

CT140A/B

Grades: 9-12

College Prep: Yes

Credit: 1.0

Duration: 1 year

Fee: \$25.00 This is a

College & Career Readiness course in Film/TV production and Graphic Design. Throughout the class, a minimum of 51% of instruction/learning time will be “hands-on” in a lab-based setting. In addition to covering fundamental technical skills in these fields, this course integrates coherent and rigorous academic content (reading, writing, math, science, etc.) in support of improving students’ academic skills. Emphasis is placed on common threads between the disciplines: writing, visual composition (video framing, graphic design and electronic page layout), and application of the principles and elements of design as they relate to each content area. This class is a springboard to an array of media careers, as well as college and university programs in related disciplines. We employ diverse technology and versatile design skills applicable to numerous professions. In our up-to-date computer lab, we use industry-standard software including Adobe Premiere, Illustrator, and Photoshop. **Students can take industry software certification tests at no additional student cost.** The curriculum is integrated with our Career Technical Student Organization (CTSO), SkillsUSA, and through this, further aligns with industry standards and practice.

Dual Enrollment: This class has DE (Dual Enrollment) partnerships with BOTH Coconino Community College and Yavapai College, allowing them to earn up to 9 college credits.

❖ *Yavapai College –These credits transfer to Arizona Universities and apply toward the YC Film & Media Arts Certificate Program*

Fall Semester – FMA 117, Cinematography (3 college credits);

Spring Semester – FMA 103, Screenwriting (3 college credits)

❖ *Coconino Community College –*

Spring Semester – ART 135, Adobe Photoshop (3 college credits)

Film, TV, & Graphics II (with Dual Enrollment option)

CT141A/B

Grades: 10-12

College Prep: Yes

Credit: 1.0

Duration: 1 year

Fee: \$25.00

Prerequisites: Passing both semesters of Film, TV & Graphics I, at least one semester with C or better.

College & Career Readiness course in Film/TV production and Graphic Design. Throughout the class, a

minimum of 51% of instruction/learning time will be “hands-on” in a lab-based setting. In addition to covering fundamental technical skills in these fields, this course integrates coherent and rigorous academic content (reading, writing, math, science, etc.) in support of improving students’ academic skills. **Students may take industry software certification tests at no additional student cost.** The curriculum is integrated with our Career Technical Student Organization (CTSO), SkillsUSA, and through this, further aligns with industry standards and practice. The class structure is the only way to describe the learning content, and is based on industry integration via work-based learning, mentorship, and internship. Film, TV & Graphics II builds on prerequisite Film, TV & Graphics I, delving deeper into visual communication including film & TV production techniques, graphic & website design stressing composition, color theory, and design principles & elements. The structure is a multimedia business model. Students emphasize an area of interest, and work within departments via differentiated curriculum where students create content for a specific entity such as KCHS studios (a school-based news media outlet), streaming of CHS sporting events, producing community client videos, conceiving and creating a short film, and creating school- and client- commissioned graphic design projects. This real-world experience enables students to pursue a media career or further collegiate study. Students who pass both Media 1 and 2 take a state-accredited program completer’s exam which, if passed, earns a certificate indicating they are “Ready-to-work-day-one” in film and television production. Students may return for optional levels 3 and 4 to seek additional leadership, career/technical skill development, and college dual enrollment opportunities

Dual Enrollment: This class has DE (Dual Enrollment) partnerships with BOTH Coconino Community College and Yavapai College, allowing them to earn up to 9 college credits.

- ❖ *Yavapai College –These credits transfer to Arizona Universities and apply toward the YC Film & Media Arts Certificate Program*
 - Fall Semester – FMA 110, Pre-Production (3 college credits);
 - Spring Semester – FMA 102, Production (3 college credits) *Pre-requisite: FMA 110 DE*
- ❖ *Coconino Community College – These credits transfer to Arizona Universities*
 - Spring Semester – ART 130, Computer Graphics (3 college credits)

Film, TV, & Graphics III (with Dual Enrollment option)

CT142A/B

Grades: 11-12

College Prep: Yes

Credit: 1.0

Duration: 1 year

Fee: \$25.00

Prerequisites: C or better in both semesters of Film, TV & Graphics II

College & Career Readiness course in Film/TV production and Graphic Design. Throughout the class, a minimum of 51% of instruction/learning time will be “hands-on” in a lab-based setting. In addition to covering fundamental technical skills in these fields, this course integrates coherent and rigorous academic content (reading, writing, math, science, etc.) in support of improving students’ academic skills. **Students may take industry software certification tests at no additional student cost.** The class is a refinement and opportunity to develop specialization and leadership in media work-based learning experiences. The curriculum is integrated with our Career Technical Student Organization (CTSO), SkillsUSA, and through this, further aligns with industry standards and practice. Student continue to work within “business departments” via differentiated curriculum where students create content for a specific entity such as KCHS studios (a school-based news media outlet), streaming of CHS sporting events, producing community client videos, conceiving and creating a short film, and creating school- and client- commissioned graphic design projects. This real-world experience enables students to pursue a media career or further collegiate study. Level 3 and 4 students are expected to step into a leadership role. Alternatively (or in addition) they may specialize while proactively seeking out project commitments and learning opportunities. Here they develop project

management skills similar to those found in AGILE or Lean Six-Sigma. They may even work with our Work-Based Learning class to seek out industry internships for class credit. The class will cement leadership and professional skills relevant to the industry, explore emerging trends, and further enhance student understanding of industry best-practice and real-world issues. Student have the opportunity to turn those skills into a viable income via future employment prospects, or to further their education beyond secondary school with a rock-solid media portfolio and excellent, relevant experience for their resume. **Students that choose the dual enrollment options must seek commitments that require the skills learned in video editing and production processes.**

Dual Enrollment: This class has a DE (Dual Enrollment) with Yavapai College, allowing students to earn up to 6 college credits. *These credits transfer to Arizona Universities and apply toward the YC Film & Media Arts Certificate Program*

Fall Semester – FMA 139, Fundamentals of Video Editing (3 college credits) *Pre-requisite FMA 102 DE*

Spring Semester – FMA 105, Production 2 or Production Capstone (3 college credits) *Pre-requisite: FMA 102 DE*

Film, TV, & Graphics IV

CT143A/B

Grades: 11-12

College Prep: Yes

Credit: 1.0

Duration: 1 year

Fee: \$25.00

Prerequisites: C or better in both semesters of Film, TV & Graphics III

College & Career Readiness course in Film/TV production and Graphic Design. Throughout the class, a minimum of 51% of instruction/learning time will be “hands-on” in a lab-based setting. In addition to covering fundamental technical skills in these fields, this course integrates coherent and rigorous academic content (reading, writing, math, science, etc.) in support of improving students’ academic skills. **Students may take industry software certification tests at no additional student cost.** The class is a capstone, at least in part. The curriculum is integrated with our Career Technical Student Organization (CTSO), SkillsUSA, and through this, further aligns with industry standards and practice. Student continue to work within “business departments” where they must lead a significant media project as a capstone, OR create an independent capstone media project such as an original concept short-film. Level 4 students are expected to step into a leadership role, and strongly encouraged to seek SkillsUSA offices at the state level or find an external job internship in the film & TV industry. They will continue to hone project management skills akin to AGILE or Lean Six-Sigma. The class will cement leadership and professional skills relevant to the industry, explore emerging trends, and further enhance student understanding of industry best-practice and real-world issues. Students have the opportunity to turn those skills into a viable income via future employment prospects, or to further their education beyond secondary school with a rock-solid media portfolio and excellent, relevant experience for their resume. **Students must produce a capstone project requiring at least 8 weeks of dedicated independent work or leadership, and must make a demo reel and resume reflecting experience and skills learned in the program.**

Dual Enrollment: This class has a DE (Dual Enrollment) opportunity pending with Yavapai College

Welding Technologies I (with Dual Enrollment option)

CT49A/B

Grades: 10 -12

College Prep: Yes

Credit: 1.0

Duration: 1 year

Fee: \$30.00 & DE fee

The purpose of this course is to teach the student basic fundamentals of common welding processes. Covered in the course are Industrial Safety, Oxy/Acetylene Welding (OA), Shielded Metal Arc Welding (SMAW), Gas Metal Arc Welding

(GMAW), Gas Tungsten Arc Welding (GTAW), Flux Core Arc Welding (FCAW), and Plasma Arc Cutting (PAC). Students will use standard industrial tools, materials, and equipment while learning in an applied setting.

Welding Technologies II (with Dual Enrollment option)

CT62A/B

Grades: 11-12

College Prep: Yes

Credit: 1.0

Duration: 1 year

Fee: \$40.00

This course will further develop the skills learned in Welding I. Students will begin out of position welding including vertical, horizontal and overhead welding. Students will increase skills through teacher driven project building and fabrication techniques.

Welding Technologies III

CT63A/B

Grades: 12

College Prep: Yes

Credit: 1.0

Duration: 1 year

Fee: \$40.00

This class will increase student skills and knowledge through hands on advanced fabrication techniques and procedures. Students will design and build projects as approved by the instructor. Students may be involved in community service projects for the school and district.

Woods I

CT69A/B

Grades: 9-11

College Prep: Yes

Credit: 1.0

Duration: 1 year

Fee: \$40.00

Cabinetmaking is an opportunity to learn basic woodworking skills in the area of cabinetmaking. Students cover safety on each tool, design and build their own projects. Student's will be able to increase their knowledge of design and construction through the field of woodworking.

Woods II

CT84A/B

Grades: 10-11

College Prep: Yes

Credit: 1.0

Duration: 1 year

Fee: \$40.00

Cabinetmaking is an opportunity to learn advanced skills in the area of cabinetmaking. Students will be able to increase their knowledge of design and construction in the field of woodworking. Students will be able to increase their knowledge of design and construction in the field of woodworking. Students will be able to join and compete in Skills USA.

Work-Based Learning

CT115A/B

Grades: 11 - 12

College Prep: Yes

Credit: .5/1.0

Duration: 1 Semester or 1 Year

Fee: None

Prerequisites: Completed Application. Application and additional information: <https://www.fusd1.org/Page/16122>

Work-Based Learning is a course that allows students to earn credit while working and learning about job-related skills. Students will participate in career exploration and research opportunities. Students are responsible for securing their own employment (for which release time will be granted) and providing their own transportation to the workplace. To be eligible for full credit, students must accrue a minimum of 120 hours of approved work experience and earn a "C" or

better in the 60-hour professional skill building curriculum by the end of the course. This course may be repeated for credit.

Yearbook Publications I

CT33A/B

Grades: 10 -12

College Prep: Yes

Credit: 1.0

Duration: 1 year

Fee: \$30.00

Prerequisite: Recommendation of C or higher Digital Photo I or previous Yearbook experience.

Publications is a course to introduce journalism and mass media. Students will study the processes and skills involved in media, including news writing, feature writing, interviewing, page layout, and photography. Students will design and produce school publications, including newspapers and yearbook. Students will gain knowledge and skills in writing, graphic design and photography in a hands-on learning environment. Students should be prepared to devote time outside of the class to the publication. Students must have photo or yearbook experience.

Yearbook Publications II

CT34A/B

Grades: 10 -12

College Prep: Yes

Credit: 1.0

Duration: 1 year

Fee: \$30.00

Prerequisite: Yearbook Publications I

Publications is; a course to introduce journalism and mass media. Students will study the processes and skills involved in media, including news writing, feature writing, interviewing, page layout, and photography. Students will design and produce school publications, including newspapers and yearbook. Students will gain knowledge and skills in writing, graphic design and photography in a hands-on learning environment. Students should be prepared to devote time outside of the class to the publication. Students must have photo or yearbook experience.

Yearbook Publications III

CT35A/B

Grades: 10-12

College Prep: Yes

Credit: 1.0

Duration: 1 year

Fee: \$30.00

Prerequisite: Yearbook II

Publications is a course to introduce journalism and mass media. Students will study the processes and skills involved in media, including news writing, feature writing, interviewing, page layout, and photography. Students will design and produce school publications, including newspapers and yearbook. Students will gain knowledge and skills in writing, graphic design and photography in a hands-on learning environment. Students should be prepared to devote time outside of the class to the publication. Students must have photo or yearbook experience.

Yearbook Publications IV

CT36A/B

Grades: 12

College Prep: Yes

Credit: 1.0

Duration: 1 year

Fee: \$30.00

Prerequisite: Yearbook III

Publications is a course to introduce journalism and mass media. Students will study the processes and skills involved in media, including news writing, feature writing, interviewing, page layout, and photography. Students will design and produce school publications, including newspapers and yearbook. Students will gain knowledge and skills in writing, graphic design and photography in a hands-on learning environment. Students should be prepared to devote time outside of the class to the publication. Students must have photo or yearbook experience.

Coconino Institute of Technology (CIT)

(Application process - students test in as 8th grade students)

CIT Engineering I

CT103A/B

Grades: 09 **College Prep:** Yes **Credit:** 1.0 **Duration:** 1 year **Fee:** \$30.00

Prerequisites: Successful completion of the CIT application process. CIT Engineering I, II, and III is considered a three-year CTE block.

(Freshman Year) CIT Engineering I is an elective credit class that is taught in a block concurrently with CIT Physics. Students will learn design software such as SolidWorks (3D modeling software) and Corel Draw, and use manufacturing tools such as CO₂ lasers and 3D printers. Students will apply the concepts learned in Physics to design, build, test, and evaluate engineering projects. Past projects include mousetrap cars, projectile launchers, pasta bridges, bottle rockets and more.

Honors Physics

SC86A/B

Grades: 09 **College Prep:** Yes **Credit:** 1.0 **Duration:** 1 year **Fee:** \$25.00

Prerequisites: Successful completion of the CIT application process.

(Freshman Year) Students will study the principles of Newtonian Mechanics including kinematics, projectile motion, static and dynamic forces, circular motion, energy, momentum, waves, and electricity. This is a rigorous lab science course that is taught using inquiry – students will develop the physical models by completing and analyzing numerous lab experiments. Strong algebra skills are a must for CIT students. **Applications are due by April 5th at 4:00 pm, and can be completed online by visiting the [CIT website](#) found under the Academics tab at the CHS home page.**

CIT Engineering II

CT104A/B

Grades: 10 **College Prep:** Yes **Credit:** 1.0 **Duration:** 1 year **Fee:** \$30.00

Prerequisites: Completion of CIT Physics and CIT Engineering I with a C or better. CIT Engineering I, II, and III is considered a three-year CTE block.

(Sophomore Year) CIT Engineering II is an elective credit class that is taught in a block concurrently with CIT Chemistry. Students will continue using the engineering design process and concepts they are learning in Chemistry to design and create solutions to engineering problems. This year the project emphasis will be based around the concept of energy. Past projects include wind turbines, water pumps, cardboard boats, Rube Goldberg machines, and more!

Honors Chemistry

SC75A/B

Grades: 10 **College Prep:** Yes **Credit:** 1.0 **Duration:** 1 year **Fee:** \$25.00

Prerequisites: Completion of CIT Physics and CIT Engineering I with a C or better.

(Sophomore Year) Students will study the intricacies of matter and energy, the atom, the Mole, bonding, the periodic table, and more. CIT Chemistry is an exciting lab course designed to allow students to experience chemistry in a hands-on environment and to give students a practical foundation for everyday applications of chemistry and skills necessary for further growth in science and related fields. Opportunities to experience concepts will come through a variety of learning techniques, such as laboratory experiments, problem solving, lecture/discussion, etc. It is a lab science; there will be daily homework. Students will learn lab safety and equipment and perform numerous experiments.

CIT Engineering III

CT105A/B

Grade: 11

College Prep: Yes

Credit: 1.0

Duration: 1 year

Fee: \$30.00

Prerequisites: Grade of C or better in CIT Freshman and Sophomore courses. CIT Engineering I, II, and III is considered a three-year CTE block.

This year students prepare and complete a capstone project. During the first semester, students will continue to improve their problem solving skills using the engineering process, designing software, and shop tools. Students will continue to create prototypes to test and solve engineering problems. The projects will continue to delve deeper into science theory and challenge students to find and create physical solutions. The second semester is considered the capstone semester. During this semester, students will choose their own problem and work towards a solution using the tools and knowledge they have gained through the previous two and a half years. The final product is then presented to a body of peers and staff at the end of the year as we celebrate their completion of the three year CTE engineering course.

Other Electives

Dine History/Government

EL54A/B

Grades: 11-12

College Prep: Yes

Credit: 1.0

Duration: 1 year

Fee:

Dine History and Government, a survey course, deals with the political, social and economic development that influence tribal, state, and federal government. The curriculum explores Dine culture, treaties, constitutional development, and political socialization. Students will learn essential vocabulary, geography, mythology and arts on a broad variety of topics dealing with daily life. Opportunities to gain knowledge about native astronomy, medical horology, ecological relationships, environmental concerns, and related societal implications will be explored. Analysis of major strategies and personalities involved in the Mexican/Indian Wars, the Long Walk, Navajo Code Talkers and Dine Veterans contributions to World War II will be emphasized. Introduction to Dine legal system and contemporary legal issues will be discussed. This course is required for students applying for Navajo Nation Chief Manuelito Scholarship.

LINK CREW (Application required)

EL56A/B

Grades: 11 -12

College Prep: No

Credit: 1.0

Duration: 1 year

Fee: \$15.00

Link Leadership is a nationwide program that connects 11th and 12th graders with 9th graders. Upper division students who are selected to the program are trained in mentoring, communication, leadership, empathy, and diversity among other related concepts. Students selected are required to take both the Fall and Spring class.

Office Aide

EL60A/B

Grades: 11-12

College Prep: No

Credit: 0.50

Duration: 1 semester

Fee:

Students will be assigned to either the counseling office, attendance office or the library. Students will learn different office procedures and will be assigned different tasks that will benefit the school. This is a high profile position that requires students to interact with the public and staff. An application process is required.

Peer Buddies

EL50A/B

Grades: 11 -12

College Prep: No

Credit: 0.50

Duration: 1 semester

Fee:

This is an opportunity for students to work with the school's most challenged students emotionally, socially, physically, and intellectually. The request must be initiated by the student and approved by the administration.

Gen School to Work

GNEL93A/B

Grades: 9-12

College Prep: No

Credit: 1.0

Duration: 1 year

Fee: None

This course is designed for students who qualify for special education services. A variety of supported work placement educational experiences are provided through one or two hour blocks. Both on and off campus sites are employed and job coaching is provided. Course may be repeated for credit. TSW staff should be consulted before placement.

Gen On the Job

GNEL79A/B

Grades: 9-12 **College Prep:** No **Credit:** 1.0 **Duration:** 1 semester or more **Fee:** None

This course is designed for students who qualify for special education services. This course involves students working off campus in unsupervised (by FUSD staff) paid or unpaid work experiences. Students must acquire own work placement and must submit work hours and positive work evaluation from work site supervisor. A maximum of two credits per semester (or summer) and a total of six elective credits can be earned, with a minimum of 60 hours worked per ½ credit. TSW staff should be consulted before placement.

Student Council (Elected position required)

EL64A/B

Grades: 10-12 **College Prep:** No **Credit:** 1.0 **Duration:** 1 year **Fee:**

Students who participate in the leadership class will: Develop leadership skills that will be used both now and in the future. Become proficient at planning, organizing, executing, and evaluating a variety of student activities. Participate and take notes in class meetings. Establish and carry out goals and objectives for the student government body of the school. Encourage harmony among the different groups amongst Coconino High School. Assist in the execution of leadership projects and student activities.

Teacher Aide

EL61A/B

Grades: 11-12 **College Prep:** No **Credit:** 0.50 **Duration:** 1 semester **Fee:**

This is a performance based credit opportunity in which a student assists the teacher with clerical tasks and is limited to only one credit.

Performing Arts

Music

(Courses listed will qualify for fine art credit)

Guitar

MU50

Grades: 09 -12 **College Prep:** Yes **Credit:** 0.50 **Duration:** 1 semester **Fee:**

This course introduces basic folk guitar playing skills (acoustical, not electrical) through the social music medium (folk, classical, pop, etc.). Guitars are not supplied, but a limited amount is available for a rental fee of \$40 per semester.

Advanced Guitar

MU51

Grades: 09-12 **College Prep:** Yes **Credit:** .50 **Duration:** 1 semester **Fee:**

This guitar class is open to any student who has already taken Guitar I in high school. More advanced guitar techniques and note reading will be reinforced. Students will perform in small ensembles. Guitars are not supplied, but a limited number are available for a rental fee of \$40 per semester.

AP Music Theory

MU95AW

Grades: 11-12

College Prep: Yes

Credit: 1.0

Duration: 1 year

Fee:

Prerequisite: 1. Membership in a high school music performance ensemble OR 2. Instructor Approval AND 3. Must be a current junior or senior.

Through this class, students will gain a better understanding of the way that music is constructed. Concepts included will be basic music notation and analysis, key signatures, chord recognition and resolution, rhythmic construction, interval recognition, and basic compositional techniques. The class will include ear training and sight singing, which will help students to develop and expand their auditory recognition of concepts covered in class. An overview of music history will also be included as part of the class. Overall, AP Music Theory will help develop each student's musicianship and overall understanding of written music.

Concert Band/Marching Band

MU100A/B

Grades: 09 -12

College Prep: Yes

Credit: 0.50

Duration: 1 semester

Fee: may apply

Students must be enrolled in band for the entire year, as this class encompasses both Marching Band in the fall semester and Concert Band in the spring semester. This course fulfills graduation requirements for fine arts and may be repeated for elective credit. This course is designed for students with previous middle school or high school band experience, or with instructor approval. After school rehearsals and performances are required. This course will involve outside costs of either renting or buying an instrument. A limited number of school instruments are available for rental. Students will master the basic techniques of any band instrument as well as learn note reading, rhythm, and music theory. This class counts as a PE credit.

* If you are a percussion student you need to take Percussion class NOT Marching/Concert Band!*

Color Guard

MU91A/B

Grades: 9-12

College Prep: Fine Art

Prerequisite: None

Fee: \$80 and AIA fee

Description: The Color Guard class fulfills graduation requirements for Fine Arts as well as PE (students are still required to complete a 0.5 Health credit). The course may be repeated for elective credit. This course has no prerequisites and is open to all. No previous experience required.

This unique course is considered a hybrid course between an academic and an athletic. The Coconino High School Marching Band (of which the Color Guard is a section) is part of the CHS Athletic Department as well as the Performing Arts department. This means students will have commitments outside of class that will impact their grade including after school rehearsals, concerts, and summer Band Camps. These commitments are mandatory to be in the class.

IMPORTANT: *Students should reserve the two weeks prior to the first day of school for the mandatory Color Guard Camp Session.*

Students will be charged a school class fee for equipment and uniform needs. As part of the CHS Athletic Department, everyone in the marching band and Color Guard class will pay the required AIA fee of \$150.00 per

student (cap of \$225 for multiple students). This fee covers travel costs and entry fees for competitions. Students will continue towards mastery of basic dance and equipment techniques throughout fall and spring semesters.

Music Appreciation

MU120A/B

Grades: 09 -12

College Prep:

Credit: 1.0

Duration: 1 year

Fee: may apply

This course will introduce students to the general study of music through class discussions, group activities, guided listening, long term projects, and the study of musical form, notation, and terminology throughout history. Course content will cover a number of works and composers from the baroque, classical, romantic, and contemporary periods including the study of numerous 21st century genres. Content will also include opportunities for students to interact with many local Flagstaff cultural groups. Students do not need any prior experience on an instrument or in ensemble classes to take this course.

Orchestra

MU75A/B

Grades: 09 -12

College Prep: Yes

Credit: 1.0

Duration: 1 year

Fee: may apply

This orchestra class is offered for students who have played stringed instruments (violin, viola, cello or string bass) for one or more years. Basic orchestral concepts, scales, rhythms, and ensemble awareness skills will be emphasized. All performances and rehearsals are mandatory.. This course will involve outside costs of either renting or buying an instrument. A limited number of school instruments are available for rental. Students will master the basic techniques of any band instrument as well as learn note reading, rhythm, and music theory. The course may be repeated for credit.

Percussion

MU81A/B

Grades: 09 -12

College Prep: No

Credit: 1.0

Duration: 1 year

Fee: may apply

This course is open to students in grades 9-12 with previous experience in middle school or high school music programs and offers students a well-rounded approach to learning percussion instruments in order to develop their skills in all areas of percussion including Marching/Rudimental Percussion (drumline/front ensemble, Mallet Percussion, Percussion Ensemble, World Music, and Classical Percussion studies. After school rehearsals and performances, including halftime performances at football games, competitions, and concerts, are required. Students in percussion class must participate and perform with the marching and concert band, and must be enrolled in the course for the entire year.

* If you are a percussion student you only need to take Percussion class NOT Marching/Concert Band!*

Choir

MU60A/B

Grades: 09 -12

College Prep: No

Credit: 1.0

Duration: 1 year

Fee: may apply

Choir is designed to enhance the musical, creative and expressive qualities of all students. Musical opportunities are provided for every child to learn the basic skills of singing and reading music, developing song repertoire, broadening listening skills and experiencing the interrelated nature of music with other cultures and content areas. This course fulfills graduation requirements for fine arts and may be repeated for

elective credit. This course is designed for students with previous middle school or high school choral experience, or with instructor approval. Students will master performing, note reading, rhythm, and music theory. After school rehearsals and performances are required. Students will master note reading, rhythm, and music theory.

Chamber Choir/Advanced Choir

MU70A/B

Grades: 10-12

College Prep: Yes

Credit: 1.0

Duration: 1 year

Fee: may apply

Choir is designed to enhance the musical, creative and expressive qualities of all students. Musical opportunities are provided for every child to learn the basic skills of singing and reading music, developing song repertoire, broadening listening skills and experiencing the interrelated nature of music with other cultures and content areas. This course fulfills graduation requirements for fine arts and may be repeated for elective credit. This course is designed for students with previous middle school and high school choral experience, or with instructor approval. After school rehearsals and performances are required. Students will master performing, note reading, rhythm, and music theory. Advanced Choir will contain much more advanced music and will include performances within the community of Flagstaff.

Theatre Arts/Drama

TH45A/B

Grades: 9-12

College Prep: Fine Art

Prerequisite: None

Fee: \$15

This course lays the foundation for studying the discipline and art of acting, through exercises, games, reading, discussion, scene work, and analysis. We will clarify the necessity of learning the craft of acting, which requires a discipline commitment to voice, speech training, movement training, and an intellectual rigor in dissecting text. We will focus on the work of the Ensemble above all, cultivating the unique spirit of collaboration that is inherent in the theatre. Students will be introduced to the basic concepts of acting, and will explore and apply these concepts through classroom exercises and performance. Students will begin to analyze text and the actor's role in storytelling, including connecting the specifics of text analysis to the emotional and physical portrayal of a role, and reinforce a spirit of generosity, curiosity, compassion, and courage as we work to build an Ensemble. The course may be repeated for elective credit.

Modern Languages

The Modern Languages Department uses the best practice pedagogy of *language immersion*. All classes will strive to be conducted 90-100% in the target language, with Navajo and Spanish III or higher conducted 100% in the target language.

American Sign Language (ASL) SL

ML60A/B

Grades: 09 -12

College Prep: Yes

Credit: 1.0

Duration: 1 year

Fee:

Two (2) years of American Sign Language are recommended for college-bound students who wish to achieve the language proficiency expected by most four-year colleges and universities. A course of Study introducing the American Manual Alphabet and American Sign Language designed to provide and develop visual and receptive basic communication skills. Students will use sign language to communicate ideas, ask questions, and hold a simple conversation using American Sign Language. Students will be introduced to the basic structure and grammar of American Sign Language as well as Deafness and its Culture. **Coconino Community College waives the prerequisite for 101, students should enroll in 102 at CCC.

French I DE

ML52A/B

Grades: 09-12

College Prep: Yes

Credit: 1.0

Duration: 1 year

Fee:

Two (2) years of French are recommended for college-bound students who wish to achieve the language proficiency expected by most four-year colleges and universities. Levels I and II establish a foundation of communication dealing with everyday activities in meaningful cultural contexts and basic grammar. Students learn essential vocabulary, useful expressions and study francophone cultures.

Navajo I

ML40A/B

Grades: 08 -12

College Prep: Yes

Credit: 1.0

Duration: 1 year

Fee:

Two years (2) of Dine are recommended for college-bound students who wish to achieve the language proficiency expected by most four-year colleges and universities. The students learn Dine bizaad at all levels by listening, speaking, reading, writing, and role-playing. In the first two levels, they learn basic vocabulary and useful expressions. Students are introduced to Navajo culture and history. In advanced levels, students increase their verbal proficiency and study syntax and grammar. Students are immersed in Dine pragmatics, play writing and literature development. **Coconino Community College waives the prerequisite for 101; students should enroll in 102 at CCC.

Navajo II

ML70A/B

Grades: 09 -12

College Prep: Yes

Credit: 1.0

Duration: 1 year

Fee:

Two years (2) of Dine are recommended for college-bound students who wish to achieve the language proficiency expected by most four-year colleges and universities. The students learn Dine bizaad at all levels by listening, speaking, reading, writing, and role-playing. In the first two levels, they learn basic vocabulary and useful expressions. Students are

introduced to Navajo culture and history. In advanced levels, students increase their verbal proficiency and study syntax and grammar. Students are immersed in Dine pragmatics, play writing and literature development. **Coconino Community College waives the prerequisite for 101; students should enroll in 102 at CCC.

Honors Navajo III (with Dual Enrollment option)

ML91A/B

Grades: 10 -12

College Prep: Yes

Credit: 1.0

Duration: 1 year

Fee: DE fee may apply

In advanced levels, students increase their verbal proficiency and study syntax and grammar. Students are immersed in Dine pragmatics, play writing and literature development. ***Coconino Community College waives the prerequisite for 102; students should enroll in 201 at CCC. ***This is a dual enrollment course. We partner with CCC allowing students to earn college credit.***

Navajo III Immersion

ML99A/B

Grades: 10 -12

College Prep: Yes

Credit: 1.0

Duration: 1 year

Fee: DE fee

To provide students with an understanding of the basic structures of Navajo through Reading, Writing, Speaking, and Listening. To promote appreciation of the beauty of the Navajo culture and the Navajo sound system. ***This is a dual enrollment course. We partner with CCC allowing students to earn college credit.***

Honor Navajo IV (with Dual Enrollment option)

ML95AH/BH

Grades: 11 -12

College Prep: Yes

Credit: 1.0

Duration: 1 year

Fee: DE fee may apply

In advanced levels, students increase their verbal proficiency and study syntax and grammar. Students are immersed in Dine pragmatics, play writing and literature development. ***This is a dual enrollment course. We partner with CCC allowing students to earn college credit.***

Spanish I

ML45A/B

Grades: 09-10

College Prep: Yes

Credit: 1.0

Duration: 1 year

Fee:

Two (2) years of Spanish are recommended for college-bound students who wish to achieve the language proficiency expected by most four-year colleges and universities. Levels I and II establish a foundation of communication dealing with everyday activities in meaningful cultural contexts and basic grammar. Students learn essential vocabulary, useful expressions and study Hispanic culture.

Spanish II

ML75A/B

Grades: 10-11

College Prep: Yes

Credit: 1.0

Duration: 1 year

Fee:

Two (2) years of Spanish are recommended for college-bound students who wish to achieve the language proficiency expected by most four-year colleges and universities. Levels I and II establish a foundation of communication dealing with everyday activities in meaningful cultural contexts and basic grammar. Students learn essential vocabulary, useful expressions and study Hispanic culture.

Spanish III DE

ML95A/B

Grades: 10 -12

College Prep: Yes

Credit: 1.0

Duration: 1 year

Fee:

This course is for students who have completed two years of Spanish and want to continue learning at a higher level. Students will strengthen their speaking, listening, reading, and writing skills to communicate effectively in Spanish. Through a rigorous and engaging curriculum, we will explore the Spanish language and culture in greater depth. We partner with CCC allowing students to earn college credit equivalent to Spanish 101 and 102 courses

Spanish IV DE

ML110A/B

Grades: 11-12

College Prep: Yes

Credit: 1.0

Duration: 1 year

Fee:

This course is for students who have completed three years of Spanish and want to continue learning at a more advanced level. Students will further develop their speaking, listening, reading, and writing skills to communicate fluently and accurately in Spanish. Through a rigorous and engaging curriculum, we will explore the Spanish language and Hispanic culture in greater depth. We partner with CCC, allowing students to earn college credit equivalent to Spanish 201 and 202 courses.

IB Spanish ab Initio 11 & 12

IBML101 & IBML102

Grades: 11 & 12

College Prep: Yes

Credit: 1.0/year

Duration: 2 Years

Fee: N/A

Language acquisition consists of two modern language courses language ab initio and language B—designed to provide students with the necessary skills and intercultural understanding to enable them to communicate successfully in an environment where the language studied is spoken. Offered at SL only, language ab initio is a language acquisition course designed for students with no previous experience in—or very little exposure to the target language. Language ab initio students develop their receptive, productive and interactive skills while learning to communicate in the target language in familiar and unfamiliar contexts. Students develop the ability to communicate through the study of language, themes and texts. There are five prescribed themes: identities, experiences, human ingenuity, social organization and sharing the planet. While the themes are common to both language ab initio and language B, the language ab initio syllabus additionally prescribes four topics for each of the five themes, for a total of 20 topics that must be addressed over the two years of the course. **This course is equivalent to Spanish 1 & 2 level courses.**

IB Spanish B 11 & 12 Standard Level (SL)

IBML111 & IBML112

Grades: 11 & 12

College Prep: Yes

Credit: 1.0/year

Duration: 2 Years

Fee: N/A

Prerequisite: 2 years of Spanish language

This course is for students who have 2 to 3 years of Spanish and wish to continue their studies at a higher level. Students will develop their skills in speaking, listening, reading, and writing to enable them to communicate clearly and effectively in a range of situations in a Spanish-speaking environment. Throughout the two-year course, students will also study the cultural aspects underlying the Spanish speaking countries enabling them to appreciate this diverse culture. These courses fulfill the requirement to earn the **IB International Baccalaureate Diploma**. Prerequisite: 2 years of Spanish language

IB Spanish B 11 & 12 Higher Level (HL)

IBML201 & IBML202

Grades: 11 & 12

College Prep: Yes

Credit: 1.0/year

Duration: 2 Years

Fee: N/A

Prerequisite: 2-3 years of Spanish language

Language acquisition consists of two modern language courses— language ab initio and language B—designed to provide students with the necessary skills and intercultural understanding to enable them to communicate successfully in an environment where the language studied is spoken. Language B is a language acquisition course designed for students with some previous experience of the target language. Students further develop their ability to communicate through the study of language, themes and texts. There are five prescribed themes: identities, experiences, human ingenuity, social organization and sharing the planet. Both language B SL and HL students learn to communicate in the target language in familiar and unfamiliar contexts. The distinction between language B SL and HL can be seen in the level of competency the student is expected to develop in receptive, productive and interactive skills. At HL the study of two literary works originally written in the target language is required and students are expected to extend the range and complexity of the language they use and understand in order to communicate. Students continue to develop their knowledge of vocabulary and grammar, as well as their conceptual understanding of how language works, in order to construct, analyse and evaluate arguments on a variety of topics relating to course content and the target language culture(s). **This course is equivalent to Spanish 3 & 4 level courses.**

Spanish for Spanish Speakers I

ML105A/B

Grades: 09 -10

College Prep: Yes

Credit: 1.0

Duration: 1 year

Fee:

Spanish for Spanish Speakers I is a course designed to meet the particular needs of heritage/native learners. This course is specifically for heritage/native speakers of Spanish who already have some oral language proficiency. The purpose of this course is to strengthen the cultural and linguistic skills of Spanish heritage learners. This course will allow students to fulfill the college entrance requirement for foreign language.

Spanish for Spanish Speakers II

ML106A/B

Grades: 10

College Prep: Yes

Credit: 1.0

Duration: 1 year

Fee:

Prerequisite: Spanish for Spanish Speakers I ML105A/B

This course is designed for heritage/native Spanish speakers who have completed Spanish for Spanish Speakers I or demonstrate an equivalent level of oral and written proficiency. This course builds on the foundations of Year 1, further strengthening students' cultural and linguistic skills through more advanced reading, writing, and communication activities. This course will allow students to fulfill the college entrance requirement for foreign language.

Puente Language Institute Recommended Program of Study

- I. Spanish for Spanish Speakers I ML105A/B (Teacher recommendation)
- II. Spanish for Spanish Speakers II ML106A/B (Prerequisite: Spanish for Spanish Speakers I ML105A/B)
- III. IB Spanish B HL Higher Level 11
- IV. IB Spanish B HL Higher Level 12

Physical Education

JROTC

PE80

Grades: 09-12

College Prep: No

Credit: 1.0

Duration: 1 year

Fee: No fee

The Army JROTC program is designed to teach high school students the value of citizenship, leadership, service to the community, personal responsibility, and a sense of accomplishment, while instilling in them self-esteem, teamwork and self-discipline. Its focus is reflected in its mission statement “To motivate young people to be better citizens.” It prepares high school students for responsible leadership roles while making them aware of their rights, responsibilities, and privileges as an American citizen. Cadets will have the opportunity to join various co-curricular teams to compete in marksmanship, physical fitness, precision drill, cyber security, and academics. Uniforms are provided. Cadets are responsible for uniform cleaning and maintenance.

Focused Health & Personal Fitness Courses (Grad Requirement)

Grades: 09-12 **College Prep:** No **Credit:** 1.0 **Duration:** 1 semester **Fee:**

Classroom Health presents a wide array of topics related to health, wellness, and living a positive quality of life. Topics will include but are not limited to: mental/emotional health, stress, decision making skills, nutrition, tobacco prevention, alcohol & substance abuse, and healthy relationships. Personal Fitness consists of lifetime and fitness activities aligned with a focus of student interest. Students will focus on activities related to the five components of fitness (cardiovascular, flexibility, muscular strength & endurance, and body composition) and skill-related components (balance, power, agility, speed, reaction-time and coordination).

Yoga & Recovery

PE88Y A/B

This course fulfills personal fitness and health requirements while focusing on flexibility, mindfulness, and overall health while participating in Yoga based activities.

Strength Training

PE88S A/B

This course fulfills personal fitness and health requirements while focusing on strength training, fitness, and overall health.

Recreational Sports

PE88R A/B

This course fulfills personal fitness and health requirements while focusing on recreational sports, sportsmanship, and overall health.

Athletic Development

PE88V A/B

This course fulfills personal fitness and health requirements while focusing on strength, agility, speed, and technique. This is an extremely rigorous course designed for student athletes.

PE Electives

Yoga

PE75F/S

Grades: 10-12 **College Prep:** No **Credit:** 0.50 **Duration:** 1 semester **Fee:** \$12.50

This is a beginning yoga class intended for any student to embark on the Yoga experience whether it is new to them or they already practice Yoga on a regular basis. This course is intended to support and enhance adolescents’ physical, mental, emotional and social development. Students will learn the basic alignment of traditional hatha yoga poses (a yoga system of physical exercises and breathing control). At times we will practice a more vigorous vinyasa and yang flows. Students will also participate in deep stretching and relaxation. Benefits of yoga include, but are not limited to:

increased core strength, increased flexibility, decrease pain and tensions, stress reduction, injury prevention, increased concentration and mental awareness, and self-discipline.

Prerequisite: a passing grade in Health and Personal Fitness.

Advanced Sports Training

PE85A/B

Grades: 10-12 **College Prep:** No **Credit:** 0.50 **Duration:** 1 semester **Fee:** \$12.50

The Advanced Sports Training course is set up to enable Coconino Varsity student-athletes the opportunity to develop their strength, speed, agility, and injury prevention for interscholastic varsity sports. Sport-specific lifting, training, and Yoga/Recovery will increase the athletic ability of each student while raising the competitiveness of the CHS athletic programs. Each student will participate in either an in-season workout or an off-season workout during the course. Individual Head Coaches will work with teachers to provide input on in-season and out-of-season workouts. Students will be provided the opportunity to learn leadership skills, sports psychology, and college scholarship preparation. In addition, this class is an avenue for Coconino's student-athletes to build unity, individual pride, team/sport program pride, Coconino atmosphere and facility pride, and camaraderie with their fellow students. *This course may be repeated for credit but not for grade change.* Fee required.

Prerequisite:

- A passing grade in Health and Personal Fitness.
- Must have been a **Varsity** athlete at least one year prior.
- Course teacher approval, AD approval, and varsity coach recommendation **IF a student athlete is not a returning varsity athlete.**

Strength Training

PE64A/B

Grades: 10-12 **College Prep:** No **Credit:** 0.50 **Duration:** 1 semester **Fee:** \$12.50

This course is designed for students who want to place an emphasis on physical fitness and conditioning, primarily through weight training and cardiovascular conditioning. Lifting workouts are individualized based on students' weight lifting and fitness assessments. This class provides a great opportunity to increase strength, power, speed, agility, balance and reaction time. Strength Training also includes discussions of proper eating plans, goal setting, and workout room etiquette/safety.

Prerequisite: a passing grade in Health, & Personal Fitness. Fee required.

International Baccalaureate (IB)

Students pursuing the IB diploma must take Theory of Knowledge & a minimum of 3 high level & 3 standard level IB courses, one from each subject group.

All IB courses except TOK are open to all students depending on availability. IB diploma students have priority.

The Core:

IB Theory of Knowledge 11 & 12 (TOK)

IBEL111

Grades: 11 & 12 **College Prep:** Yes **Credit:** 0.5/year **Duration:** 2 Years **Fee:** N/A

Theory of knowledge (TOK) is a course about critical thinking and inquiring into the process of knowing, rather than about learning a specific body of knowledge. It plays a special role in the DP by providing an opportunity for students to reflect on the nature of knowledge, to make connections between areas of knowledge and to become aware of their own perspectives and those of the various groups whose knowledge they share. It is a core element undertaken by all DP

students, and schools are required to devote at least 100 hours of class time to the course. The overall aim of TOK is to encourage students to formulate answers to the question “how do you know?” in a variety of contexts, and to see the value of that question. This allows students to develop an enduring fascination with the richness of knowledge.

Group 1: Language A

IB English 11 & 12 Language & Literature Higher Level (HL) IBEN201 & IBEN202

Grades: 11 & 12

College Prep: Yes

Credit: 1.0/year

Duration: 2 Years

Fee: N/A

The language A: language and literature course aims to develop skills of textual analysis and the understanding that texts, both literary and non-literary, can relate to culturally determined reading practices. The course also encourages students to question the meaning generated by language and texts. An understanding of the ways in which formal elements are used to create meaning in a text is combined with an exploration of how that meaning is affected by reading practices that are culturally defined and by the circumstances of production and reception. The study of literature in translation from other cultures is especially important to IB DP students because it contributes to a global perspective. Texts are chosen from a variety of sources, genres, and media.

Group 2: Language B

IB Spanish ab Initio 11 & 12 Standard Level (SL) IBML101 & IBML102

Grades: 11 & 12

College Prep: Yes

Credit: 1.0/year

Duration: 2 Years

Fee: N/A

Language acquisition consists of two modern language courses language ab initio and language B—designed to provide students with the necessary skills and intercultural understanding to enable them to communicate successfully in an environment where the language studied is spoken. Offered at SL only, language ab initio is a language acquisition course designed for students with no previous experience in—or very little exposure to the target language. Language ab initio students develop their receptive, productive and interactive skills while learning to communicate in the target language in familiar and unfamiliar contexts. Students develop the ability to communicate through the study of language, themes and texts. There are five prescribed themes: identities, experiences, human ingenuity, social organization and sharing the planet. While the themes are common to both language ab initio and language B, the language ab initio syllabus additionally prescribes four topics for each of the five themes, for a total of 20 topics that must be addressed over the two years of the course. **This course is equivalent to Spanish 1 & 2 level courses.**

IB Spanish B 11 & 12 Standard Level (SL) IBML111 & IBML112

Grades: 11 & 12

College Prep: Yes

Credit: 1.0/year

Duration: 2 Years

Fee: N/A

This course is for students who have 2 to 3 years of Spanish and wish to continue their studies at a higher level. Students will develop their skills in speaking, listening, reading, and writing to enable them to communicate clearly and effectively in a range of situations in a Spanish-speaking environment. Throughout the two-year course, students will also study the cultural aspects underlying the Spanish speaking countries enabling them to appreciate this diverse culture. These courses fulfill the requirement to earn the **IB International Baccalaureate Diploma**. Prerequisite: 2 years of Spanish language

IB Spanish B 11 & 12 Higher Level (HL)

Grades: 11 & 12

College Prep: Yes

Credit: 1.0/year

IBML201 & IBML202

Duration: 2 Years

Fee: N/A

Language acquisition consists of two modern language courses— language ab initio and language B—designed to provide students with the necessary skills and intercultural understanding to enable them to communicate successfully in an environment where the language studied is spoken. Language B is a language acquisition course designed for students with some previous experience of the target language. Students further develop their ability to communicate through the study of language, themes and texts. There are five prescribed themes: identities, experiences, human ingenuity, social organization and sharing the planet. Both language B SL and HL students learn to communicate in the target language in familiar and unfamiliar contexts. The distinction between language B SL and HL can be seen in the level of competency the student is expected to develop in receptive, productive and interactive skills. At HL the study of two literary works originally written in the target language is required and students are expected to extend the range and complexity of the language they use and understand in order to communicate. Students continue to develop their knowledge of vocabulary and grammar, as well as their conceptual understanding of how language works, in order to construct, analyze and evaluate arguments on a variety of topics relating to course content and the target language culture(s). **This course is equivalent to Spanish 3 & 4 level courses.**

Group 3: Individuals and Societies

IB History: World Topics & History of the Americas 11 & 12 Higher Level (HL)

IBSS201 & IBSS202

Grades: 11 & 12

College Prep: Yes

Credit: 1.0/year

Duration: 2 Years

Fee: N/A

The DP history course is a world history course based on a comparative and multi-perspective approach to history. It involves the study of a variety of types of history, including political, economic, social and cultural, and provides a balance of structure and flexibility. The course emphasizes the importance of encouraging students to think historically and to develop historical skills as well as gaining factual knowledge. It puts a premium on developing the skills of critical thinking, and on developing an understanding of multiple interpretations of history. In this way, the course involves a challenging and demanding critical exploration of the past. Teachers explicitly teach thinking and research skills such as comprehension, text analysis, transfer, and use of primary sources. There are six key concepts that have particular prominence throughout the DP history course: change, continuity, causation, consequence, significance and perspectives. The second year of this course focuses on the history of the Americas, with the United States as a case study in comparison with other countries in the Americas. Year 1 will count for the student's World History Credit and year 2 will count for the student's U.S. History credit.

Group 4: Sciences

IB Sports, Exercise, and Health Science (SL) (Lab)

IBSC101A/B

Grades: 11 & 12

College Prep: Yes

Credit: 1.0/year

Duration: 1 Year

Fee: TBD

Prerequisite: Successful completion of Algebra 1, Biology, and 1 other lab science course (chemistry strongly recommended but not required) with a current science teacher recommendation.

Sports, Exercise, and Health Sciences (SEHS) incorporates the traditional disciplines of anatomy and physiology, biomechanics, psychology, and nutrition, which are studied in the context of sport, exercise, and health. Students will cover a range of core and option topics and carry out experimental investigations in both laboratory and field settings. This will provide an opportunity to acquire the knowledge and understanding to apply scientific principles and critically

analyze human performance. Those who think they are interested in this course should have an interest in science, be willing to do research, data analysis and statistics, and be comfortable writing full lab reports.

IB Computer Science (SL)

IBEL101

Grades: 11 & 12

College Prep: Yes

Credit: 1.0/year

Duration: 1 Year

Fee: \$30

The IB DP Computer science SL course requires an understanding of the fundamental concepts of computational thinking as well as knowledge of how computers and other digital devices operate. The course, underpinned by conceptual thinking, draws on a wide spectrum of knowledge, and enables and empowers innovation, exploration and the acquisition of further knowledge. Students study how computer science interacts with and influences cultures, society and how individuals and societies behave, and the ethical issues involved. During the course the student will develop computational solutions. This will involve the ability to:

- identify a problem or unanswered question
- design, prototype and test a proposed solution
- liaise with clients to evaluate the success of the proposed solution and make recommendations for future developments.

Group 5: Mathematics

IB Math 11 & 12 Applications & Interpretations (A&I) (SL) IBMA101 & IBMA102

Grades: 11 & 12

College Prep: Yes

Credit: 1.0/year

Duration: 2 Years

Fee: N/A

The IB DP Mathematics: applications and interpretation course recognizes the increasing role that mathematics and technology play in a diverse range of fields in a data-rich world. As such, it emphasizes the meaning of mathematics in context by focusing on topics that are often used as applications or in mathematical modeling. To give this understanding a firm base, this course includes topics that are traditionally part of a pre-university mathematics courses such as calculus and statistics. Students are encouraged to solve real-world problems, construct and communicate this mathematically and interpret the conclusions or generalizations. Students should expect to develop strong technology skills, and will be intellectually equipped to appreciate the links between the theoretical and practical concepts in mathematics. All external assessments involve the use of technology. Students are also encouraged to develop the skills needed to continue their mathematical growth in other learning environments. The internally assessed exploration allows students to develop independence in mathematical learning. Throughout the course students are encouraged to take a considered approach to various mathematical activities and to explore different mathematical ideas.

IB Math 11 & 12 Applications & Interpretations (A&I) (HL) IBMA201 & IBMA202

Grades: 11 & 12

College Prep: Yes

Credit: 1.0/year

Duration: 2 Years

Fee:

The IB DP Mathematics: applications and interpretation course recognizes the increasing role that mathematics and technology play in a diverse range of fields in a data-rich world. As such, it emphasizes the meaning of mathematics in context by focusing on topics that are often used as applications or in mathematical modeling. To give this understanding a firm base, this course includes topics that are traditionally part of a pre-university mathematics course such as calculus and statistics. Students are encouraged to solve real-world problems, construct and communicate this mathematically

and interpret the conclusions or generalizations. Students should expect to develop strong technology skills, and will be intellectually equipped to appreciate the links between the theoretical and the practical concepts in mathematics. All external assessments involve the use of technology. Students are also encouraged to develop the skills needed to continue their mathematical growth in other learning environments. The internally assessed exploration allows students to develop independence in mathematical learning. Throughout the course students are encouraged to take a considered approach to various mathematical activities and to explore different mathematical ideas.

Group 6: The Arts

IB Visual Art 11 & 12 Standard Level (SL)

Grades: 11 & 12

College Prep: Yes

Credit: 1.0/year

Duration: 2 Years

Fee: \$30/Yr

IBAR101 & IBAR102

The IB Diploma Programme visual arts course encourages students to challenge their own creative and cultural expectations and boundaries. It is a thought-provoking course in which students develop analytical skills in problem-solving and divergent thinking, while working towards technical proficiency and confidence as art-makers. In addition to exploring and comparing visual arts from different perspectives and in different contexts, students are expected to engage in, experiment with and critically reflect upon a wide range of contemporary practices and media. The course is designed for students who want to go on to further study of visual arts in higher education as well as for those who are seeking lifelong enrichment through visual arts. The role of visual arts teachers should be to actively and carefully organize learning experiences for the students, directing their study to enable them to reach their potential and satisfy the demands of the course. Students should be empowered to become autonomous, informed and skilled visual artists.

AP & Honors Course Descriptions

Honors English 9

EN55A/B

Grades: 09

College Prep: Yes

Credit: 1.0

Duration: 1 year

Fee:

This is a course for those who have shown above average ability and motivation to progress through future AP English courses. Students will work with a variety of challenging literary forms including short stories, novels, poetry, drama and nonfiction. Activities will incorporate the humanities, composition, application of terminology, speech, independent reading, growth in academic responsibility, clarification of language skills, grammar in action, alternative assessment strategies, vocabulary building, and learning options that will address various learning styles.

Honors English 10

EN65A/B

Grades: 10

College Prep: Yes

Credit: 1.0

Duration: 1 year

Fee:

This course integrates reading, writing, listening and speaking. It is designed to challenge students' thinking through units in fiction, mythology, nonfiction, poetry and drama. Considerable opportunities in both writing and speaking give the advanced students greater opportunities to polish their skills. Writing focuses on debatable topics, literary texts and non-fiction texts. Vocabulary study, intensive outside reading and writing assignments are an expectation for honors coursework.

AP English Literature & Composition

EN98AW/BW

Grades: 11

College Prep: Yes

Credit: 1.0

Duration: 1 year

Fee:

Students in AP English Literature are encouraged to take the AP exam in May. Advanced Placement English Literature is designed to allow students to study college-level composition and literature at the high school level. Students practice the skills of close reading, critical writing and analytical discussion in an atmosphere of academic challenge. This course is designed for the serious college bound student and allows not only preparation for college but also the chance to earn college credit and/or advanced standing by taking the AP English Literature Exam. We will follow the curricular requirements in the AP English course description.

AP English Language & Composition

EN97AW/BW

Grades: 12

College Prep: Yes

Credit: 1.0

Duration: 1 year

Fee:

Students in AP English Literature are encouraged to take the AP exam in May. AP English Language and Composition is designed to enable students to write effectively and confidently in their college courses and in their professional and personal lives. The course emphasizes the synthesis, analytical, and argumentative writing that forms the basis of academic and professional communication. Additionally, students read complex text with critical attention to a writer's purpose and rhetorical strategies. This course is designed for the serious college bound student and allows not only preparation for college, but also the chance to earn college credit and/or advanced standing by taking the AP English Language Exam.

Honors Geometry

MA65HA/B

Grades: 09-10

College Prep: Yes

Credit: 1.0

Duration: 1 year

Fee:

Prerequisite: 1 credit of Algebra 1 and teacher recommendation (MA50 A/B)

This course aligns with the Arizona Standards for Geometry by extending the informal geometry work from grade 8 along with the formal mathematics of Algebra 1 in a rich and rigorous learning experience. The geometry course focuses on five critical areas: congruence of geometric figures based on rigid motions, similarity of geometric figures based on dilations and proportional reasoning, develop an understanding of informal explanations of circumference, area, and volume formulas, proving geometric theorems, and solve problems involving right triangles. Students will be expected to explain their reasoning and critique the reasoning of others through discourse, writing and modeling. Appropriate tools and technology will be used to enhance mathematical understanding.

Beyond the standard Geometry curriculum, students in honors geometry will synthesize skills from critical areas to complete complex application tasks as well as adhere to a higher expectation of understanding and justification of their work in preparation for future advanced placement coursework in mathematics.

Honors Algebra II

MA75HA/B

Grades: 10-11

College Prep: Yes

Credit: 1.0

Duration: 1 year

Fee:

Prerequisite: 1 credit of Algebra 1 and 1 credit of honors geometry and a teacher recommendation.

Building on their work with linear, quadratic, and exponential functions, students extend their repertoire of functions to include polynomial, rational, radical, logarithmic, exponential, and trigonometric functions. The algebra 2 course focuses on four critical areas: extending the real number system to the complex number system, solving and interpreting solutions to a variety of equations, inequalities, and systems of equations. demonstrate competency graphing and interpreting the functions referenced above, and extend simple and compound probability calculations to conditional probability. The Mathematical Practice Standards apply throughout the course and, together with the content standards, prescribe that students experience mathematics as a coherent, useful, and logical subject that makes use of their ability to make sense of problem situations. Beyond the standard Algebra 2 curriculum, students in honors algebra 2 will synthesize skills from critical areas to complete complex application tasks as well as adhere to a higher expectation of understanding and justification of their work in preparation for future advanced placement coursework in mathematics.

AP/DE Precalculus

Grades: 11 -12

College Prep: Yes

Credit: 1.0

Duration: 1 year

Fee:

AP Precalculus centers on functions modeling dynamic phenomena. This research-based exploration of functions is designed to better prepare students for college-level calculus and provide grounding for other mathematics and science courses. In this course, students study a broad spectrum of function types that are foundational for careers in mathematics, physics, biology, health science, social science, and data science.

AP Calculus IAB

Grades: 11 -12

College Prep: Yes

Credit: 1.0

Duration: 1 year

Fee:

Prerequisite: successful completion of Pre-AP Pre-Calculus

This course will cover the first semester of college calculus and provides a study of the concepts of function, limit, continuity, derivative, integral and their applications to real-world situations. Students will synthesize skills from critical areas to complete complex application tasks as well as adhere to a higher expectation of understanding and justification of their work. Students may earn 3-6 hours college credit based on the score received on the Advanced Placement Calculus A/B exam. All students are encouraged to take the exam.

AP Statistics (with Dual Enrollment option)

Grades: 11 -12

College Prep: Yes

Credit: 1.0

Duration: 1 year

Fee:

Prerequisite: successful completion of Algebra II and teacher recommendation

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 earn 3 hours college credit if they pass the Advanced Placement Statistics test. All students are encouraged to take the AP exam.

AP Chemistry (lab)

Grades: 11-12

College Prep: Yes

Credit: 1.0

Duration: 1 year

Fee: \$25.00

Prerequisites: Teacher recommendation and instructor approval. Students enrolling in AP Chemistry should have strong math skills and be at least concurrently enrolled in Algebra 2 or higher, with the *suggested* enrollment in Pre-Calc or higher. Students enrolling in AP Chemistry must also have completed Chemistry 1 with a B or better or have prior instructor approval.

This Advanced Placement course is designed to be the equivalent of the general chemistry course usually taken during the first year of college. The AP Chemistry course is designed to be taken only after the successful completion of high school chemistry 1. Topics include atomic theory and atomic structure, chemical bonding, molecular models, behavior of gasses, solutions, and solids, chemical reactivity and stoichiometry, chemical kinetics, thermodynamics, and dynamic equilibrium. Approximately 20% of the course is dedicated to laboratory experiments.

AP Physics I (lab)

Not offered for the 2025-26 school year

(Offered SY: 2026-2027)

Grades: 11 -12

College Prep: Yes

Credit: 1.0

Duration: 1 year

Fee: \$25.00

SC91AW/BW

Prerequisites: It is expected that students enrolling in this course have strong math skills in graphical methods, solving equations, and basic trigonometry. Students enrolling in AP Physics 1 should have completed geometry with a C or better, and be concurrently enrolled in Algebra II or higher.

This course is offered every other year. This Advanced Placement course is a college level, algebra-based study of Newtonian Mechanics (including rotational dynamics and angular momentum) work, energy, power, fluids. This course places a heavy emphasis on college-level laboratory work with the extensive use of technology and sensors. Engineering projects will be done throughout the course to help students apply the physics concepts learned in class. Students wishing to take the AP exam to earn AP credit for either algebra or calculus-based physics may elect to take the AP Physics exam in May. AP Physics 1 is the first of a two-year course sequence. AP Physics II will cover fluid mechanics, thermodynamics, electricity and magnetism, optics, and atomic and nuclear physics.

AP Physics II (lab)

SC97AW/BW

(Offered SY: 2025-2026 & 2027-2028)

Grade: 11-12

College Prep: Yes

Credit: 1.0

Duration: 1 year

Fee: \$25.00

Prerequisites: It is expected that students enrolling in this course have strong math skills in graphical methods, solving equations, and basic trigonometry. Students enrolling in AP Physics 2 should have completed geometry with a C or better, and be concurrently enrolled in Algebra II or higher. Students enrolling in AP Physics 2 must also have taken one or more of the following with a C or better: CIT Physics, Physics, or AP Physics 1.

This course is offered every other year. This advanced placement course is a college-level, algebra-based study of electricity, magnetism, thermodynamics, mechanical waves and sound, light, geometric and physical optics, radiation, quantum and nuclear physics. This course places a heavy emphasis on college-level laboratory work with the extensive use of technology and sensors. Engineering projects will be done throughout the course to help students apply the physics concepts learned in class. Students wishing to take the AP exam to earn AP credit for algebra-based physics are encouraged to take the AP Physics exam in May.

AP/DE World History

SS65AW/BW

Grades: 10

College Prep: Yes

Credit: 1.0

Duration: 1 year

Fee:

Students will understand, discuss, and write intelligently about major global historical developments from 1200 C.E. to the present. Students will develop their ability to interpret primary and secondary sources, compare civilizations, and use geographic and statistical data to draw conclusions about the causes and effects of historical events. This course represents a freshman-level university course and students may receive university credit through the successful completion of the AP World History exam in May.

AP/DE US History

SS76AW/BW

Grades: 11

College Prep: Yes

Credit: 1.0

Duration: 1 year

Fee:

AP US History is a year-long class designed to provide an in-depth study of United States History from its beginning roots to the modern era. It prepares students for college level work as well the Advanced placement exam in the spring. All students in this course will be highly encouraged to take the AP Exam for which they can earn college credit. Students will receive a weighted grade for this class only if they complete both terms of the course.

AP American Government

SS86W

Grades: 12

College Prep: Yes

Credit: 0.50

Duration: 1 semester

Fee:

Advanced Placement American Government is an in-depth course that offers a critical exploration of the American political process. The college level curriculum explores such topics as constitutional development, political socialization, the impact of interest groups, and interrelationship of the three branches of government. This class also prepares interested students for the Advanced Placement Government exam. This class fulfills the 12th grade American Government requirement.

AP Microeconomics

SS96W

Grades: 12

College Prep: Yes

Credit: 0.50

Duration: 1 semester

Fee:

This course is an introduction to microeconomics. Microeconomics introduces students to the cost–benefit analysis that is the economic way of thinking. This analysis is used to understand smaller segments of the economy—specifically, consumers and producers—as they interact in output markets and resource markets, and to understand the government’s impact on these specific economic units. This course has a strong emphasis on analyzing current events and the practical implementation of economic decisions and policies. The course fulfills Arizona's state standards for Economics.

AP Music Theory

MU95AW

Grades: 11-12

College Prep: Yes

Credit: 1.0

Duration: 1 year

Fee:

Prerequisite: 1. Membership in a high school music performance ensemble OR 2. Instructor Approval AND 3. Must be a current junior or senior.

Through this class, students will gain a better understanding of the way that music is constructed. Concepts included will be basic music notation and analysis, key signatures, chord recognition and resolution, rhythmic construction, interval recognition, and basic compositional techniques. The class will include ear training and sight singing, which will help students to develop and expand their auditory recognition of concepts covered in class. An overview of music history will also be included as part of the class. Overall, AP Music Theory will help develop each student’s musicianship and overall understanding of written music.