

# CGUHSD ONLINE

## Course Offerings

Updated as of 09/10/20

Students enrolled in *CGUHSD ONLINE* will participate in high-level learning in a structured online environment using Edgenuity. The Edgenuity curriculum is grounded in research and is aligned to Arizona State Standards, the Common Core, and the NGSS. Students will be enrolled in three courses per quarter, and are expected to complete six courses per semester, based on each student’s academic graduation requirements. CGUHSD Online courses are taught by appropriately certified teachers and are aligned to district curriculum and state standards.

**Course content and instruction will be differentiated to meet the specialized needs of the student according to their IEP**

**\*Students must complete all assignments and pass with minimum competency, an (in-person) or virtual, teacher- proctored final exam to receive course credit.**

**\*Depending on enrollment minimums and instructor availability, all courses may not be available at one or both campuses.**

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\* Courses marked with an asterisk are one-semester courses.

\*\* Required elective courses

### ENGLISH LANGUAGE ARTS

#### ENGLISH LANGUAGE ARTS 9

(AZ01001)

Grade Level: .....9

Credit: .....2 semesters - 1 credit

**Prerequisites: Placement based on District placement criterion**

This freshman-year English course engages students in literary analysis and inferential evaluation of great texts both classic and contemporary. While critically reading fiction, poetry, drama, and literary nonfiction, students will master comprehension and literary-analysis strategies. Interwoven in the lessons across two semesters are activities that encourage students to strengthen their oral language skills and produce clear, coherent writing. Students will read a range of classic texts including Homer’s The Odyssey, Shakespeare’s Romeo and Juliet, and Richard Connell’s “The Most Dangerous Game.” They will also study short but complex texts, including influential speeches by Dr. Martin Luther King Jr., Franklin D. Roosevelt, and Ronald Reagan. Contemporary texts by Richard Preston, Julia Alvarez, and Maya Angelou round out the course.

#### LANGUAGE ARTS 9 HONORS

(AZ01010)

Grade Level: .....9

Credit: .....2 semesters - 1 credit

**Prerequisites: Placement based on District placement criterion**

This freshman honors English course invites students to explore a variety of diverse and complex texts organized into thematic units. Students will engage in literary analysis and inferential evaluation of great texts, both classic and contemporary. While critically reading fiction, poetry, drama, and literary nonfiction, honors students will master comprehension, use evidence to conduct in-depth literary analysis, and examine and critique how authors develop ideas in a variety of genres. Interwoven throughout the lessons are activities that encourage students to strengthen their oral language skills, research and critically analyze sources of information, and produce clear, coherent writing.

In addition to activities offered to students in core courses, honors students are given additional opportunities to create and to participate in project-based learning activities, including writing a Shakespearian sonnet and creating an original interpretation of a Shakespearian play. Honors students will read a range of classic texts, including Homer's *The Odyssey*, Shakespeare's *Romeo and Juliet*, Jack London's "To Build a Fire" and Richard Connell's "The Most Dangerous Game." Students will also read Sue Macy's full length nonfiction work *Wheels of Change: How Women Rode the Bicycle to Freedom (With a Few Flat Tires Along the Way)*, and will study a variety of short but complex texts, including influential speeches by Dr. Martin Luther King Jr., Franklin D. Roosevelt, and Ronald Reagan. Contemporary texts by Richard Preston, Julia Alvarez, and Maya Angelou round out the course.

## **ENGLISH LANGUAGE ARTS 10**

**(AZ01002)**

**Grade Level: .....10**

**Credit: .....2 semesters - 1 credit**

**Prerequisites: English 9 or equivalent**

Focused on application, this sophomore English course reinforces literary analysis and twenty-first century skills with superb pieces of literature and literary nonfiction, application e-resources, and educational interactives. Each thematic unit focuses on specific literary analysis skills and allows students to apply them to a range of genres and text structures. As of the units meld modeling and application, they also expand on training in media literacy, twenty-first century career skills, and the essentials of grammar and vocabulary. Under the guidance of the eWriting software, students also compose descriptive, persuasive, expository, literary analysis, research, narrative, and compare-contrast essays.

## **LANGUAGE ARTS 10 HONORS**

**(AZ01011)**

**Grade Level: .....10**

**Credit: .....2 semesters - 1 credit**

**Prerequisites: English 9 or equivalent**

This sophomore-year honors English course provides engaging and rigorous lessons with a focus on academic inquiry to strengthen knowledge of language arts. Honors reading lessons require analyzing complex texts, while concise mini-lessons advance writing and research skills to craft strong, compelling essays and projects. Students will write argumentative and analytical essays based on literary texts, as well as an informative research paper using MLA style. Throughout the course, students read a range of classic and contemporary literary texts including Henrik Ibsen's *A Doll's House*, George Orwell's *Animal Farm*, and Marjane Satrapi's *Persepolis*. In addition to reading a wide range of literary texts, students read and analyze complex informational and argumentative texts including Sonia Sotomayor's "A Latina Judge's Voice," Niccolò Machiavelli's *The Prince*, and the contemporary informational text *Sugar Changed the World: A Story of Magic, Spice, Slavery, Freedom, and Science*.

## **ENGLISH LANGUAGE ARTS 11**

**(AZ01003)**

**Grade Level: .....11**

**Credit: .....2 semesters - 1 credit**

**Prerequisites: English 10 or Equivalent**

This junior-year English course invites students to delve into American literature from early American Indian voices through contemporary works. Students engage in literary analysis and inferential evaluation of great texts as the centerpieces of this course. While critically reading fiction, poetry, drama, and expository nonfiction, students master comprehension and literary analysis strategies. Interwoven in the lessons across two semesters are tasks that encourage students to strengthen their oral language skills and produce creative, coherent writing. Students read a range of short but complex texts, including works by Ralph Waldo Emerson, Emily Dickinson, Herman Melville, Nathaniel Hawthorne, Paul Laurence Dunbar, Martin Luther King, Jr., F. Scott Fitzgerald, Sandra Cisneros, Amy Tan, and Dave Eggers.

## **ENGLISH LANGUAGE ARTS 12**

**(AZ01004)**

**Grade Level: .....12**

**Credit: .....2 semesters - 1 credit**

**Prerequisites: English 11 or Equivalent**

This senior-level English course offers fascinating insight into British literary traditions spanning from Anglo-Saxon writing to the modern period. With interactive introductions and historical contexts, this full-year course connects philosophical, political, religious, ethical, and social influences of each time period to the works of many notable authors, including Chaucer, William Shakespeare, Queen Elizabeth I, Elizabeth Barrett Browning, and Virginia Woolf. Adding an extra dimension to the British literary experience, this course also exposes students to world literature, including works from India, Europe, China, and Spain.

## LITERACY & COMPREHENSION I \*

### **Placement based on District Criterion**

This course is one of two intervention courses designed to support the development of strategic reading and writing skills. These courses use a thematic and contemporary approach, including high-interest topics to motivate students and expose them to effective instructional principles using diverse content area and real-world texts. Both courses offer an engaging technology-based interface that inspires and challenges students to gain knowledge and proficiency in the following comprehension strategies: summarizing, questioning, previewing and predicting, recognizing text structure, visualizing, making inferences, and monitoring understanding with metacognition. Aimed at improving fluency and vocabulary, self-evaluation strategies built into these courses inspire students to take control of their learning.

## LITERACY & COMPREHENSION II \*

### **Placement based on District Criterion**

Offering high-interest topics to motivate students who are reading two to three levels below grade, this course works in conjunction with Literacy & Comprehension I to use a thematic and contemporary approach to expose students to effective instructional principles using diverse content area and real-world texts. Each of these reading intervention courses offers an engaging, technology-based interface that inspires and challenges high school and middle school students to gain knowledge and proficiency in the following comprehension strategies: summarizing, questioning, previewing and predicting, recognizing text structure, visualizing, making inferences, and monitoring understanding with metacognition. Aimed at improving fluency and vocabulary, self-evaluation strategies built into these courses inspire students to take control of their learning.

## AP® ENGLISH LANGUAGE & COMPOSITION

(AZ01005)

**Grade Level: .....11**

**Credit: .....2 semesters - 1 credit**

**Prerequisites: A or B in English 10 or Equivalent**

**Due to the complexity of the AP curriculum, this course will only be offered for full year enrollment.**

This college-level course prepares students for the AP English Language and Composition Exam while exploring and analyzing a variety of rhetorical contexts. This is a fast-paced, upper-level course designed for highly motivated students. Multiple opportunities are provided to enhance test-taking skills through critical reading, writing, classroom assignments, and discussion activities. AP English Language and Composition practice assessments and essays will be given throughout the course as well. This course provides students an opportunity to increase knowledge concerning prose of many styles and genres, including essays, journalistic writing, political writing, science writing, nature writing, autobiographies/biographies, diaries, speeches, history writing, and critical writing. Throughout the course, there is an intense focus on writing and revising expository, analytical, and argumentative essays to prepare students for a broad range of writing purposes.

**This course earns weighted credit**

**AP Exam fees – deposit due at registration**

## AP® ENGLISH LITERATURE & COMPOSITION

(AZ01006)

**Grade Level: .....12**

**Credit: .....2 semesters - 1 credit**

**Prerequisites: A or B in English 11 or Equivalent**

**Due to the complexity of the AP curriculum, this course will only be offered for full year enrollment.**

English Literature and Composition is designed to be a college/university-level course. This course equips students to critically analyze all forms of literature in order to comment insightfully about an author's or genre's use of style or literary device. Students will also interpret meaning based on form; examine the trademark characteristics of literary genres and periods; and critique literary works through expository, analytical, and argumentative essays. As students consider styles and devices, they will apply them to their creative writing. In addition to exposing students to college-level English course work, this course prepares them for the AP English Literature and Composition Exam.

**This course earns weighted credit**  
**AP Exam fees – deposit due at registration**

## MATHEMATICS

### ALGEBRA I

(AZ02052)

**Grade Level:** .....9

**Credit:** .....2 semesters - 1 credit

**Prerequisites:** Placement based on District placement criterion

This full-year course focuses on five critical areas: relationships between quantities and reasoning with equations, linear and exponential relationships, descriptive statistics, expressions and equations, and quadratic functions and modeling. This course builds on the foundation set in middle grades by deepening students' understanding of linear and exponential functions and developing fluency in writing and solving one-variable equations and inequalities. Students will interpret, analyze, compare, and contrast functions that are represented numerically, tabularly, graphically, and algebraically. Quantitative reasoning is a common thread throughout the course as students use algebra to represent quantities and the relationships among those quantities in a variety of ways. Standards of mathematical practice and process are embedded throughout the course, as students make sense of problem situations, solve novel problems, reason abstractly, and think critically.

### ALGEBRA I HONORS

(AZ02052)

**Grade Level:** .....9

**Credit:** .....2 semesters - 1 credit

**Prerequisites:** Placement based on District placement criterion

This full-year honors course introduces students to linear, exponential, and quadratic functions by interpreting, analyzing, comparing, and contrasting functions that are represented numerically, tabularly, graphically, and algebraically. Technology is utilized within some lessons to further support students in identifying key features as well as displaying images of the functions. The course builds upon the basic concepts of functions to include transformations of linear and non-linear functions. Students deepen their understanding of quantitative reasoning, piecewise functions, and quadratic functions through performance tasks. The additional performance-based skills allow the honors students to apply more of the concepts taught in the course. The course concludes with students analyzing data through displays and statistical analysis.

### GEOMETRY

(AZ02072)

**Grade Level:** .....10 - 11

**Credit:** .....2 semesters - 1 credit

**Prerequisites:** Algebra I

This course formalizes what students learned about geometry in the middle grades with a focus on reasoning and making mathematical arguments. Mathematical reasoning is introduced with a study of triangle congruency, including exposure to formal proofs and geometric constructions. Then students extend what they have learned to other essential triangle concepts, including similarity, right-triangle trigonometry, and the laws of sines and cosines. Moving on to other shapes, students justify and derive various formulas for circumference, area, and volume, as well as cross-sections of solids and rotations of two-dimensional objects. Students then make important connections between geometry and algebra, including special triangles, slopes of parallel and perpendicular lines, and parabolas in the coordinate plane, before delving into an in-depth investigation of the geometry of circles. The course closes with a study of set theory and probability, as students apply theoretical and experimental probability to make decisions informed by data analysis

### GEOMETRY HONORS

(AZ02072)

**Grade Level:** .....10 - 11

**Credit:** .....2 semesters - 1 credit

**Prerequisites:** Placement based on District placement criterion

The course begins by exploring the foundational concepts of Euclidean Geometry in which students learn the terminology of geometry, measuring, proving theorems, and constructing figures. Students then expand on their knowledge of transformations and complete an assignment on identifying point symmetry as well as completing a performance task on tessellations. The course continues with an in-depth look at triangles where students prove theorems, relating congruency and similarity in terms of transformations, and connecting right triangles relationships to trigonometry. Students study set theory and apply probability through theoretical and experimental probability, two-way tables, and combinations and permutations. With lessons pertaining to quadrilaterals, students can identify the various figures based on their key features. Within the circles units, students identify angles, radii, and chords, perform a performance-based task on tangents, and then compute the circumference and area of various circles. Then students study parabolas, ellipses and hyperbolas before modeling and computing two- and three-dimensional figures.

## **ALGEBRA II**

**(AZ02056)**

**Grade Level: .....10 - 12**

**Credit: .....2 semesters - 1 credit**

**Prerequisites: Geometry or equivalent**

This course focuses on functions, polynomials, periodic phenomena, and collecting and analyzing data. The course begins with a review of linear and quadratic functions to solidify a foundation for learning these new functions. Students make connections between verbal, numeric, algebraic, and graphical representations of functions and apply this knowledge as they create equations and inequalities that can be used to model and solve mathematical and real-world problems. As students refine and expand their algebraic skills, they will draw analogies among the operations and field properties of real numbers and those of complex numbers and algebraic expressions. Mathematical practices and habits of mind are embedded throughout the course, as students solve novel problems, reason abstractly, and think critically.

## **PRECALCULUS**

**(AZ02057)**

**Grade Level: .....11 - 12**

**Credit: .....2 semesters - 1 credit**

**Prerequisites: Algebra II**

With an emphasis on function families and their representations, Precalculus is a thoughtful introduction to advanced studies leading to calculus. The course briefly reviews linear equations, inequalities, and systems and moves purposefully into the study of functions. Students then discover the nature of graphs and deepen their understanding of polynomial, rational, exponential, and logarithmic functions. Scaffolding rigorous content with clear instruction, the course leads students through an advanced study of trigonometric functions, matrices, and vectors. The course concludes with a short study of probability and statistics.

## **FINANCIAL MATH \*Does not meet the State four-year graduation requirement**

***Placement based on District Criterion***

**(AZ02151)**

Connecting practical mathematical concepts to personal and business settings, this course offers informative and highly useful lessons that challenge students to gain a deeper understanding of financial math. Relevant, project-based learning activities cover stimulating topics such as personal financial planning, budgeting and wise spending, banking, paying taxes, the importance of insurance, long-term investing, buying a house, consumer loans, economic principles, traveling abroad, starting a business, and analyzing business data. Offered as a two-semester course for high school students, this course encourages mastery of math skill sets, including percentages, proportions, data analysis, linear systems, and exponential functions.

## **BUSINESS MATH with ALGEBRA (Replaces INCOME MANAGEMENT)**

**(AZ02155)**

**Grade Level: .....12**

**Credit: .....2 semesters - 1 credit**

**Prerequisites: Algebra II or equivalent**

Business Math with Algebra courses teach and have students apply algebra concepts to a variety of business and financial situations. Applications usually include income, insurance, credit, banking, taxation, stocks and bonds, and finance. Students will become fluent with Excel spreadsheets to work with computation and simulation of mathematical concepts. Concepts covered include investigating properties of exponential functions, developing skills in manipulating exponential expressions, solving problems and investigating financial applications involving compound interest and annuities, and applying mathematics in informed decisions about personal finances, consumer options, and investments. This course meets the rigor and requirements of a senior-level math course as identified in the Arizona Common Core Standards.

### **AP® CALCULUS AB**

**(AZ02124)**

**Grade Level: .....11 - 12**

**Credit: .....2 semesters - 1 credit**

**Prerequisites: Trigonometry or Algebra II**

**Due to the complexity of the AP curriculum, this course will only be offered for full year enrollment.**

This college-level, year-long course prepares students for the Advanced Placement (AP) Calculus AB Exam. Major topics of study in this full-year course include a review of pre-calculus, limits, derivatives, definite integrals, mathematical modeling of differential equations, and the applications of these concepts. Emphasis is placed on the use of technology to solve problems and draw conclusions. The course utilizes a multi-representative approach of calculus with concepts and problems expressed numerically, graphically, verbally, and analytically.

### **AP® STATISTICS**

**(AZ02203)**

**Grade Level: .....11 - 12**

**Credit: .....2 semesters - 1 credit**

**Prerequisites: Algebra II**

**Due to the complexity of the AP curriculum, this course will only be offered for full year enrollment.**

This year-long, college-level course is designed to prepare students for the Advanced Placement (AP) Statistics exam. Major topics of study include exploring one-and two-variable data, sampling, experimentation, probability, sampling distributions, and statistical inference. These topics are organized into three big ideas: variation and distribution, patterns and uncertainty, data-based predictions, decisions, and conclusions.

**This course earns weighted credit**

**AP Exam fees – deposit due at registration**

## **SCIENCE COURSES**

### **INVESTIGATIVE SCIENCE\*\***

**(AZ03062)**

**Grade Level: .....9**

**Credit: ..... 2 semesters - 1 credit**

**Prerequisites: None**

This is a lab science course studying the integrated elements of science. Students will study the nature and history of science as well as the principles of earth science, physical science, biology, chemistry, and physics. The course will organize the materials around thematic units. Common themes covered include systems, models, energy, patterns, change and constancy. This course uses appropriate aspects of each specialty to investigate applications of theme.

### **LIFE SCIENCE**

**(AZ03062)**

**Grade Level: .....10**

**Credit: ..... 2 semesters - 1 credit**

**Prerequisites:**

**Placement based on District Criterion**

Examining a broad spectrum of the biological sciences, Life Science is a full-year course for middle school students that builds on basic principles of scientific inquiry and translates those skills to more complex, overarching biological themes. The course includes units that help students understand the definitions, forms, and classifications of living organisms and learn to analyze the diversity of each unique group of living organisms. Other units introduce students to the structures and functions of cells, cell theory, and cell reproduction. These larger themes are then applied to other topics, such as genetics, Darwinian theory, and human biology and health. An introduction of ecology draws all of these concepts together to examine the interrelationships that help to maintain life on Earth.

## **EARTH SCIENCE**

**(AZ03201)**

**Grade Level:** ..... 11 - 12

**Credit:** ..... 2 semesters - 1 credit

**Prerequisites:** *Placement based on District Criterion*

Students enrolled in this dynamic course explore the scope of Earth sciences, covering everything from basic structure and rock formation to the incredible and volatile forces that have shaped and changed our planet. As climate change and energy conservation become increasingly prevalent in the national discourse, it will be important for students to understand the concepts and causes of our changing Earth. Earth Science is a two-semester course that provides a solid foundation for understanding the physical characteristics that make the planet Earth unique and examines how these characteristics differ among the planets of our solar system.

## **BIOLOGY**

**(AZ03051)**

**Grade Level: .....10**

**Credit: .....**

### **Prerequisites:**

This compelling two-semester course engages students in the study of life and living organisms and examines biology and biochemistry in the real world. This is a yearlong course that encompasses traditional concepts in biology and encourages exploration of new discoveries in this field of science. The components include biochemistry, cell biology, cell processes, heredity and reproduction, the evolution of life, taxonomy, human body systems, and ecology. This course includes both hands-on wet labs and virtual lab options.

**Grade Level: .....10**

**Credit: ..... 2 semesters - 1 credit**

**Prerequisites: Algebra I Recommended**

## **BIOLOGY HONORS**

**(AZ03052)**

**(AZ03051)**

**Grade Level: .....10**

**Credit: ..... 2 semesters - 1 credit**

**Prerequisites: Algebra I, District Placement Scores**

Honors Biology is a course that prepares students for AP Biology and other AP Science Courses. It develops a conceptual framework for modern Biology and an appreciation of science as a process. The course will help students develop useful laboratory practices and analytical skills to be successful in college level science courses.

**This course earns weighted credit**

## **CHEMISTRY**

**(AZ03101)**

**Grade Level: .....10 - 12**

**Credit: ..... 2 semesters - 1 credit**

**Prerequisites: Biology Recommended**

This rigorous, full-year course engages students in the study of the composition, properties, changes, and interactions of matter. The course covers the basic concepts of chemistry and includes eighteen virtual laboratory experiments that encourage higher order thinking applications, with wet lab options if preferred. The components of this course include chemistry and its methods, the composition and properties of matter, changes and interactions of matter, factors affecting the interactions of matter, electrochemistry, organic chemistry, biochemistry, nuclear chemistry, mathematical applications, and applications of chemistry in the real world.

## **PHYSICS**

**(AZ03155)**

**Grade Level: .....10 - 12**

**Credit: ..... 2 semesters - 1 credit.**

**Prerequisites: Algebra I and Investigative Science or equivalent recommended**

This full-year course acquaints students with topics in classical and modern physics. The course emphasizes conceptual understanding of basic physics principles, including Newtonian mechanics, energy, thermodynamics, waves, electricity, magnetism, and nuclear and modern physics. Throughout the course, students solve mathematical problems, reason abstractly, and learn to think critically about the physical world. The course also includes interactive virtual labs and hands-on lab options, in which students ask questions and create hypotheses.

## **ENVIRONMENTAL SCIENCE**

**(AZ03003)**

**Grade Level: .....11 - 12**

**Credit: ..... 2 semesters - 1 credit**

**Prerequisites: Biology**

Environmental science is a captivating and rapidly expanding field, and this two-semester course offers compelling lessons that cover many aspects of the field: ecology, the biosphere, land, forests and soil, water, energy and resources, and societies and policy. Through unique activities and material, high school students connect scientific theory and concepts to current, real-world dilemmas, providing them with opportunities for mastery in each of the segments throughout the semester.

**AP® ENVIRONMENTAL SCIENCE****(AZ03207)****Grade Level: .....11 - 12****Credit: ..... 2 semesters - 1 credit****Prerequisites: Biology**

**Due to the complexity of the AP curriculum, this course will only be offered for full year enrollment.**

Environmental Science is a laboratory- and field-based course designed to provide students with the content and skills needed to understand the various interrelationships in the natural world, to identify and analyze environmental problems, and to propose and examine solutions to these problems. Since this is an online course, the laboratory- and field-based activities will be completed virtually and via experiments that students can easily perform at home with common materials. The course is intended to be the equivalent of a one-semester, college-level ecology course, which is taught over a full year in high school. The course encompasses human population dynamics, interrelationships in nature, energy flow, resources, environmental quality, human impact on environmental systems, and environmental law.

**This course earns weighted credit**

**AP Exam fees – deposit due at registration**

<b>SOCIAL STUDIES COURSES</b>
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**MODERN WORLD HISTORY****(AZ04052)****Grade Level: .....10****Credit: ..... 2 semesters - 1 credit****Prerequisites: None**

This yearlong course examines the major events and turning points of world history from the Enlightenment to the present. Students investigate the foundational ideas that shaped the modern world in the Middle East, Africa, Europe, Asia, and the Americas, and then explore the economic, political, and social revolutions that have transformed human history. This rigorous study of modern history examines recurring themes, such as social history, democratic government, and the relationship between history and the arts, allowing students to draw connections between the past and the present, across cultures, and among multiple perspectives. Students use a variety of primary and secondary sources, including legal documents, essays, historical writings, and political cartoons to evaluate the reliability of historical evidence and to draw conclusions about historical events. Students also sharpen their writing skills in shorter tasks and assignments, and practice outlining and drafting skills by writing full informative and argumentative essays.

**AMERICAN HISTORY****(AZ04101)****Grade Level: .....11****Credit: ..... 2 semesters - 1 credit****Prerequisites: None**

American History is a yearlong course that explores people, places, and events from European discovery to the present day in accordance with state and ACCRS Standards. The course is structured around activities, assigned readings, and discussions designed to develop an understanding of the cultural, economic, and political growth of the United States.

## **U.S. GOVERNMENT\***

**(AZ04151)**

**Grade Level: .....12**

**Credit: .....1 Semester – ½ Credit**

**Prerequisites: None**

This semester-long course provides students with a practical understanding of the principles and procedures of government. The course begins by establishing the origins and founding principles of American government. After a rigorous review of the Constitution and its amendments, students investigate the development and extension of civil rights and liberties. Lessons also introduce influential Supreme Court decisions to demonstrate the impact and importance of constitutional rights. The course builds on this foundation by guiding students through the function of government today and the role of citizens in the civic process and culminates in an examination of public policy and the roles of citizens and organizations in promoting policy changes. Throughout the course, students examine primary and secondary sources, including political cartoons, essays, and judicial opinions. Students also sharpen their writing skills in shorter tasks and assignments and practice outlining and drafting skills by writing full informative and argumentative essays.

## **ECONOMICS\***

**(AZ04201)**

**Grade Level: .....12**

**Credit: .....1 Semester – ½ Credit**

**Prerequisites: None**

This semester-long course invites students to broaden their understanding of how economic concepts apply to their everyday lives—including microeconomic and macroeconomic theory and the characteristics of mixed-market economies, the role of government in a free-enterprise system and the global economy, and personal finance strategies. Throughout the course, students apply critical-thinking skills while making practical economic choices. Students also master literacy skills through rigorous reading and writing activities. Students analyze data displays and write routinely and responsively in tasks and assignments that are based on scenarios, texts, activities, and examples. In more extensive, process-based writing lessons, students write full-length essays in informative and argumentative formats.

## **AP® UNITED STATES HISTORY**

**(AZ04104)**

**Grade Level: .....**

**Credit: ..... 2 semesters - 1 credit.**

**Prerequisites: AP World History**

**Due to the complexity of the AP curriculum, this course will only be offered for full year enrollment.**

This course surveys the history of the United States from the settlement of the New World to modern times and prepares students for the AP United States History Exam. The course emphasizes themes such as national identity, economic transformation, immigration, politics, international relations, geography, and social and cultural change. Students learn to assess historical materials, weigh the evidence and interpretations presented in historical scholarship, and analyze and express historical understanding in writing.

**This course earns weighted credit**

**AP Exam fees – deposit due at registration**

## **AP® HUMAN GEOGRAPHY \***

**(AZ04004)**

**Grade Level: .....11-12**

**Credit: ..... 1 Semester – ½ Credit**

**Prerequisites: A or B in English**

**Due to the complexity of the AP curriculum, this course will only be offered for full semester enrollment (2<sup>nd</sup> Semester).**

Human Geography is a college-level course designed to prepare students for the AP Human Geography Exam. The goal of the course is to provide students with a geographic perspective through which to view the world. Through a combination of direct instruction, documentary videos, and online readings, students will explore geographic concepts, theories, and models; human-environment interactions; and interactions among human systems. Topics covered include population, culture, political organization of space, agricultural land use, industrialization, and urban land use. Students will demonstrate their understanding and acquisition of skills through essays, document-based questions, student collaborative activities, and practice AP exams.

**This course earns weighted credit**

**AP Exam fees – deposit due at registration**

## **AP® PSYCHOLOGY**

**(AZ04256)**

**Grade Level: .....11-12**

**Credit: ..... 1 Semester – ½ Credit**

**Prerequisites: A or B in English**

**Due to the complexity of the AP curriculum, this course will only be offered for full semester enrollment.**

Psychology will introduce students to the systematic study of the behavior and mental processes of human means and animals. Students are exposed to the psychological facts, principles, and phenomena associated with the major fields within psychology. Students also learn about the methods psychologists use in their science and practice. The major aim of this course is to provide each student with a learning in most introductory college psychology courses. In addition, this course has been designed to help students successfully achieve a passing score on the AP Psychology exam experience equivalent to that obtained in most introductory college psychology courses. In addition, this course has been designed to help students successfully achieve a passing score on the AP Psychology exam.

**This course earns weighted credit**

**AP Exam fees – deposit due at registration**

## **AP® WORLD HISTORY: MODERN**

**(AZ04057)**

**Grade Level: .....10**

**Credit: ..... 2 semesters - 1 credit**

**Prerequisites: English 9 and Pre-AP World History**

**Due to the complexity of the AP curriculum, this course will only be offered for full year enrollment.**

This advanced study of world history explores historical themes common to societies around the world and across time periods, from 1200 to the present day. Emphasis is placed on document analysis, historical thinking skills, reasoning processes, and essay writing. Students will demonstrate their understanding and acquisition of skills through written work, document-based questions, project-based activities, and practice exams.

**This course earns weighted credit**

**AP Exam fees – deposit due at registration**

## **AP® UNITED STATES GOVERNMENT AND POLITICS\***

**(AZ04157)**

**Grade Level: ..... 12**

**Credit: ..... 1 Semester – ½ Credit**

**Prerequisites: A or B in English**

**Due to the complexity of the AP curriculum, this course will only be offered for full semester enrollment.**

This one-semester college-level course is designed to prepare students for the AP United States Government and Politics exam. Students will study the Constitutional underpinnings and structure of the United States government, issues of politics and political parties, and topics in civil rights and public policy, demonstrating their understanding and acquisition of skills through written work, project-based activities, and practice exams.

**This course earns weighted credit**

**AP Exam fees – deposit due at registration**

## GENERAL ELECTIVE COURSES

**\*\* District required elective courses**

**\* Courses marked with an asterisk are one-semester courses.**

### **ART HISTORY I**

**(AZ05152)**

**Grade Level: .....11-12**

**Credit: ..... 1 Semester – ½ Credit**

**Prerequisites: A or B in English 9**

Introducing art within historical, social, geographical, political, and religious contexts for understanding art and architecture through the ages, this course offers high school students an in-depth overview of art throughout history, with lessons organized by chronological and historical order and world regions. Students enrolled in this course cover topics including early medieval and Romanesque art; art in the twelfth, thirteenth, and fourteenth centuries; fifteenth-century art in Europe; sixteenth-century art in Italy; the master artists; High Renaissance and baroque art; world art, which includes the art of Asia, Africa, the Americas, and the Pacific cultures; eighteenth- and nineteenth-century art in Europe and the Americas; and modern art in Europe and the Americas.

### **FRESHMAN SUCCESS \* \*\***

**(AZ22151)**

**Grade Level: .....9**

**Credit: ..... 1 Semester – ½ Credit**

**Prerequisites: None**

Freshmen Success is a course which prepares incoming ninth graders with the skills and habits of mind necessary to make a successful academic, social, and emotional transition to high school and post-secondary endeavors. Students will develop strategies to increase their study skills, time management, listening, and questioning techniques, independent thinking, critical reading, effective written and oral communication, and continuous learning.

Exploring Careers will also be a component of the Freshmen Success class. Careers is the foundation experience within the Career and Technical Education (CTE) Delivery System supporting the successful transition to high school Career and Technical Education Career Preparation programs. The Arizona Department of Education approved curriculum framework is aligned with the Arizona Workplace Standards, Arizona Technology Standards, and the National Career Development Guidelines. It introduces students to the States' Career Clusters as well as providing opportunities for instruction supported by a flexible learning environment, appropriate technology and support systems. Does not count toward CTE / Fine Art graduation requirement.

### **HEALTH\* \*\***

**(AZ08051)**

**Grade Level: .....9**

**Credit: ..... 1 Semester – ½ Credit**

**Prerequisites: None**

This one-semester course provides students with comprehensive information they can use to develop responsible, respectful, informed, and capable decisions about topics that affect the well-being of themselves and others. Topics will include personal health (nutrition, mental health and stress management, drug/alcohol abuse prevention, disease prevention, and first aid) and consumer health issues. The course may also include brief studies of environmental health, personal development, and/or community resources. Student will receive CPR Graduation requirement. \*This course is a CGUHSD required elective for graduation.

### **PHYSICAL EDUCATION \* \*\***

**(AZ08001)**

**Grade Level: .....9-12**

**Credit: ..... 1 Semester – ½ Credit**

**Prerequisites: None**

Students may earn one credit for participating in an organized sport or a physical education program.

**HEALTH AND PHYSICAL EDUCATION BUNDLE (Currently unavailable)**

**\*This course is a yearlong and will count as both health and PE credit**

**(AZ08101)**

**Grade Level: .....**

**Credit: ..... 2 semesters - 1 credit**

**Prerequisites: None**

This bundle includes three courses. Foundations of Personal Wellness is a full year offering that combines health and fitness instruction. Two separate semester-long courses are also included: Healthy Living, which focuses exclusively on personal health but in a more conservative and traditional treatment than Contemporary Health, and Lifetime Fitness, which is a one-semester physical education course.

**PSYCHOLOGY**

**(AZ04254)**

**Grade Level: .....11-12**

**Credit: ..... 2 semesters - 1 credit**

**Prerequisites: None**

**Prerequisites: A or B in English 9**

This two-semester course introduces high school students to the study of psychology and helps them master fundamental concepts in research, theory, and human behavior. Students analyze human growth, learning, personality, and behavior from the perspective of major theories within psychology, including the biological, psychosocial, and cognitive perspectives. From a psychological point of view, students investigate the nature of being human as they build a comprehensive understanding of traditional psychological concepts and contemporary perspectives in the field. Course components include an introduction to the history, perspectives, and research of psychology; an understanding of topics such as the biological aspects of psychology, learning, and cognitive development; the stages of human development; aspects of personality and intelligence; the classification and treatment of psychological disorders; and psychological aspects of social interactions.

**SOCIOLOGY\***

**(AZ04258)**

**Grade Level: .....11-12**

**Credit: ..... 1 Semester – ½ Credit**

**Prerequisites: None**

**Prerequisites: A or B in English 9**

Providing insight into the human dynamics of our diverse society, this is an engaging, one-semester course that delves into the fundamental concepts of sociology. This interactive course, designed for high school students, covers cultural diversity and conformity, basic structures of society, individuals and socialization, stages of human development as they relate to sociology, deviance from social norms, social stratification, racial and ethnic interactions, gender roles, family structure, the economic and political aspects of sociology, the sociology of public institutions, and collective human behavior, both historically and in modern times.

**STRATEGIES FOR ACADEMIC SUCCESS\***

**(AZ22003)**

**Grade Level: .....9-12**

**Credit: ..... 1 Semester – ½ Credit**

**Prerequisites: None**

Offering a comprehensive analysis of different types of motivation, study habits, and learning styles, this one-semester course encourages high school students to take control of their learning by exploring varying strategies for success. Providing engaging lessons that will help students identify what works best for them individually, this one-semester course covers important study skills, such as strategies for taking high-quality notes, memorization techniques, test-taking strategies, benefits of visual aids, and reading techniques.

## **SPANISH I**

**(AZ06101)**

**Grade Level: .....9-12**

**Credit: ..... 2 semesters - 1 credit**

**Prerequisites: None**

Students begin their introduction to high school Spanish with fundamental building blocks in four key areas of foreign language study: listening comprehension, speaking, reading, and writing. Each unit consists of an ongoing adventure story, a new vocabulary theme and grammar concept, numerous interactive games reinforcing vocabulary and grammar, reading and listening comprehension activities, speaking and writing activities, and multimedia cultural presentations covering major Spanish-speaking areas in Europe and the Americas.

## **SPANISH II**

**(AZ06102)**

High school students continue their introduction to Spanish with fundamental building blocks in four key areas of foreign language study: listening comprehension, speaking, reading, and writing. Each unit consists of an ongoing adventure story, a new vocabulary theme and grammar concept, numerous interactive games reinforcing vocabulary and grammar, reading and listening comprehension activities, speaking and writing activities, cultural presentations covering major Spanish-speaking areas in Europe and the Americas, and assessments.

**Grade Level: .....10-12**

**Credit: ..... 2 semesters - 1 credit**

**Prerequisites: Spanish I**

## **SPANISH III**

**(AZ06103)**

In this expanding engagement with Spanish, high school students deepen their focus on four key skills in foreign language acquisition: listening comprehension, speaking, reading, and writing. In addition, students read significant works of literature in Spanish and respond orally or in writing to these works. Continuing the pattern and building on what students encountered in the first two years, each unit consists of a new vocabulary theme and grammar concept, numerous interactive games reinforcing vocabulary and grammar, reading and listening comprehension activities, speaking and writing activities, and multimedia cultural presentations covering major Spanish-speaking areas in Europe and the Americas.

**Grade Level: .....11-12**

**Credit: ..... 2 semesters - 1 credit**

**Prerequisites: Spanish II**

## **AP SPANISH LANGUAGE & CULTURE**

**(AZ06112)**

**Due to the complexity of the AP curriculum, this course will only be offered for full year enrollment.**

Spanish Language and Culture is an advanced language course in which students acquire proficiencies that expand their cognitive, analytical, and communication skills. The course prepares students for the AP Spanish Language and Culture Exam. It uses as its foundation the three modes of communication (interpersonal, interpretive, and presentational) as defined in the Standards for Foreign Language Learning in the Twenty-First Century. The course is designed as an immersion experience and is conducted almost exclusively in Spanish. In addition, all student work, practices, projects, participation, and assessments are in Spanish. The course teaches language structures in context and focuses on the development of fluency to convey meaning. Students explore culture in both contemporary and historical contexts to develop an awareness and appreciation of cultural products, practices, and perspectives. In addition, students participate in a forum where they are able to share their opinions and comments about various topics and comment on other students' posts. The course also makes great use of the Internet for updated and current material.

**Grade Level: .....11-12**

**Credit: ..... 2 semesters - 1 credit**

**Prerequisites: Teacher Recommendation**

## **CHINESE I**

**(AZ06401)**

High school students begin their introduction to Chinese with fundamental building blocks in four key areas of foreign language study: listening comprehension, speaking, reading, and writing. Each unit consists of an ongoing adventure story, a new vocabulary theme and grammar concept, numerous interactive games reinforcing vocabulary and grammar, reading and listening

comprehension activities, speaking and writing activities, and multimedia cultural presentations covering major Chinese-speaking countries.

**Grade Level: .....9-12**

**Credit: ..... 2 semesters - 1 credit**

**Prerequisites: None**

## **CHINESE II**

**(AZ06402)**

Students in high school continue their introduction to Chinese in this second-year course with review of fundamental building blocks in four key areas of foreign language study: listening comprehension, speaking, reading, and writing. Each unit consists of an ongoing adventure story, a new vocabulary theme and grammar concept, numerous interactive games reinforcing vocabulary and grammar, reading and listening comprehension activities, speaking and writing activities, and multimedia cultural presentations covering major Chinese-speaking countries.

**Grade Level: .....10-12**

**Credit: ..... 2 semesters - 1 credit**

**Prerequisites: Chinese I**

## MISCELLANEOUS CAREER COURSES

Updated as of 08/06/2020

**These Miscellaneous Career Courses DO NOT ALIGN WITH nor do they FOLLOW the coherent sequence of the onsite CTE offerings.**

### CAREER EXPLORATIONS

(Az22151)

This course prepares middle school students to make informed decisions about their future academic and occupational goals. Through direct instruction, interactive skill demonstrations, and practice assignments, students learn how to assess their own skills and interests, explore industry clusters and pathways, and develop plans for career and academic development. This course is designed to provide flexibility for students; any number of units can be selected to comprise a course that meets the specific needs of students.

**Grade Level: ..... 9-12**

**Credit: ..... 1 Semester – ½ Credit**

**Prerequisites: None**

### ENGINEERING AND DESIGN\* (Not available 2<sup>nd</sup> session)

(AZ21902)

This semester-long course focuses on building real-world problem-solving and critical thinking skills as students learn how to innovate and design new products and improve existing products. Students are introduced to the engineering design process to build new products and to the reverse engineering process, which enables engineers to adjust any existing product. Students identify how engineering and design have a direct impact on the sustainability of our environment and the greening of our economy. Finally, students incorporate the engineering design process, environmental life cycle, and green engineering principles to create a decision matrix to learn how to solve environmental issues.

**Grade Level: ..... 11-12**

**Credit: ..... 1 Semester – ½ Credit**

**Prerequisites: None**

### HEALTH SCIENCE CONCEPTS

(AZ14001)

This year-long course introduces high school students to the fundamental concepts of anatomy and physiology—including the organization of the body, cellular functions, and the chemistry of life. As they progress through each unit, students learn about the major body systems, common diseases and disorders, and the career specialties associated with each system. Students investigate basic medical terminology as well as human reproduction and development. Students are introduced to these fundamental health science concepts through direct instruction, interactive tasks, and practice assignments. This course is intended to provide students with a strong base of core knowledge and skills that can be used in a variety of health science career pathways.

**Grade Level: ..... 10-12**

**Credit: ..... 2 semesters - 1 credit**

**Prerequisites: None**

### INTRODUCTION TO AGRICULTURE, FOOD, AND NATURAL RESOURCES\*

(AZ18002)

**Grade Level: ..... 11-12**

**Credit: ..... 1 Semester – ½ Credit**

**Prerequisites: None**

This semester-length high school course introduces students to the basic scientific principles of agriculture and natural resources. Students recognize and research plant systems, animal systems, government policy, “green” technologies, agribusiness principles, and sustainability systems. In this course, students apply understanding of ecosystems and systems thinking to the management of natural resources to maximize the health and productivity of the environment, agriculture, and communities. Students also analyze community practice or policy development related to sustainability in agriculture, food, and natural resources. Finally, students apply adaptive ecosystem management to a common pool resource problem in a manner that addresses ecological, socioeconomic, and institutional contexts.

**MARKETING AND SALES FOR TOURISM AND HOSPITALITY\***

**(AZ12159)**

**Grade Level: .....11-12**

**Credit: ..... 1 Semester – ½ Credit**

**Prerequisites: None**

This semester-long course is designed as an introduction to the study of tourism and hospitality marketing and sales. Students are introduced to marketing theory and application of the basic principles of marketing as applied in hospitality and tourism. The relationship between marketing and other functions such as advertising, sales techniques, and public relations to maximize profits in a hospitality organization is addressed. Students have an opportunity to explore this multi-faceted world, identifying multiple career paths and opportunities.

**TEST PREPARATION COURSES**

All students will have access to Test Preparation for the following standardized tests:  
ACT, SAT, PSAT, COMPASS, ACUPLACER,, ACT WORKKEYS, ASVAB