

# CHANDLER ONLINE ACADEMY



## Course Catalog 2024-2025

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### General Information

Starting with a foundation of evidence-based e-learning software created by experts in K-12 educational technology, CUSD's experienced curriculum development specialists and Chandler Online Academy's experts in online instruction have teamed together to evaluate, supplement, and enhance our digital courses to ensure they are aligned to Arizona State and National Common Core Standards. Our online courses exhibit the educational quality and standards of excellence that are characteristic of CUSD.

Combining tested and proven digital courseware with CUSD's experience, values, and commitment to educational excellence, Chandler Online Academy is able to ensure our students will have access to educational excellence and exceptional support in a format and setting that will fit their life-style and learning needs. By choosing to enroll in Chandler Online Academy, students and parents can have confidence in the quality of the e-learning experience students will receive.

### Course Credits

All online high school courses offered by Chandler Online Academy are worth .5 credit that can be applied toward graduation. Each .5 credit course is designed to be completed 18 weeks and will require 75-100 hours of study and learning activity time for a student to complete all coursework and earn credit. Students must complete all prerequisites listed for courses prior to registering.

One-half unit of credit is granted to students who receive a passing grade in a one-semester course. Junior high courses and courses taken by students enrolled in a grade level below 9th grade cannot be used for high school credit. High school math, science, and world languages taken in 7th and 8th grade may be placed on the student's high school transcripts but will not count towards fulfilling high school graduation requirements. Only students enrolled in grades 9-12 will receive credit for high school level courses. By Governing Board policy, freshmen, sophomores, and juniors are required to take six credit bearing courses per semester. Seniors are required to take four credit bearing courses per semester and need to review their credits with a counselor to ensure that all graduation requirements are being met. Special Education Students are required to complete the course of study as prescribed in their Individual Education Plan (IEP).

### Non-Weighted Classes

All courses taught for credit receive a letter grade or pass/fail option. In order to earn a passing grade and receive credit, students must take the final exam in a designated proctored testing environment and score 60%\* or higher on the proctored final exam.

**Weighted Classes**

Weighted grades are assigned to courses that are accelerated and more challenging. A 5.0 grade-point value is possible because of the academic rigor and higher expectations in the work required for that course. The grade-point value for these grades is A=5.0, B=4.0, C=3.0, D=1.0, F=0.

Weighted courses are listed with Honors or AP (Advanced Placement) designations in their titles. Grade point average (GPA) for transferring students is recomputed in order to align the transferring classes with the courses offered at Chandler Unified School District high schools. Students transferring among CUSD high schools will receive weighted grades only for those classes that align to the receiving school's IB/AP/Honors classes.

**Advanced Placement Courses**

Advanced Placement (AP) courses are available at all CUSD high schools. AP courses prepare students to take the national AP examination given in late spring of each school year. This examination fee is the only fee associated with taking AP courses. Students may be granted Advance Placement status and/or college credit on the basis of how well they perform on these tests. Information regarding advanced placement courses and examinations is available from the counseling offices of each high school. Students are not required to take an AP course to be eligible to take an advanced placement examination; however, students enrolled in AP courses are expected to take the AP exam. For part-time and tuition-payer students there may be an additional required e-book fee associated for class.

**Classes Taken a Second Time for Grade Replacement and/or Credit Recovery**

When a 9-12 class is taken a second time and is not a class that may be repeated for credit, the highest grade earned will be the grade included in the GPA calculations; however, both classes will be listed on the official transcript.

**Acceptance of Transfer Credits**

Acceptance of transfer credits from sources outside the Chandler Unified School District is not automatic. It is recommended that students meet with their counselor before enrolling in courses outside the Chandler Unified School District to clarify whether the credit will be granted as an elective or core and to determine what process must be followed. Please refer to policy JFABC and JFABC-R, Admission of Transfer Student (Academic Transfer Credits). CUSD Governing Board Policy can be found at <http://www.boarddocs.com/az/chandler/Board.nsf>

**Acceptance of Transfer Grades**

For mid-year student transfers, transfer grades will not convey, and all students will be required to complete each course in its entirety. Mid-year student transfer will work with their assigned Chandler Online Academy counselor to determine the appropriate number of courses to be enrolled in until the end of semester.

**Online Course Fees**

Online courses taken in addition to a full schedule of 6 classes per semester must be purchased prior to starting the course/s. Tuition-Payer students taking an online course for credit recovery or grade replacement will be assessed the course fee. Any student or family not able to pay these fees because of economic hardship should contact the principal of the school at which they take the majority of their scheduled classes.

**East Valley Institute of Technology (EVIT)**

Chandler Unified School District cooperates with the East Valley Institute of Technology; however, EVIT is a separate school district apart from the Chandler Unified School District. It is a specialized school offering high school level technical training in 13 cluster areas. EVIT students attend career and technical courses one-half of each day. The other half of each day is spent at their home high schools. Transportation is provided between home schools and EVIT. Counselors at all CUSD high schools can provide detailed information on entrance requirements and program specifications. EVIT course selections are listed on EVIT's website: [www.evit.com/programs/](http://www.evit.com/programs/)

## Junior High Courses

### Junior High Language Arts

#### 7th Grade Language Arts

(Semester 1: **ENG700A** or Semester 2: **ENG700B**)

**\*Honors Available:**

(Semester 1 Hon: **ENG705A** or Semester 2 Hon: **ENG705B**)

In this course, students will read, listen to, and analyze stories. They will read various texts, such as newspapers and novels, in addition to discovering their own ability to write.

**Prerequisites: Recommended for 7th Grade**

**Credits: Junior High 0.5 credits per semester**

#### 8th Grade Language Arts

(Semester 1: **ENG800A** or Semester 2: **ENG800B**)

**\*Honors Available:**

(Semester 1 Hon: **ENG805A** or Semester 2 Hon: **ENG805B**)

The purpose of this course is to give students the tools to understand and express themselves through writing. By the end of the course, students will have completed a portfolio of their original writings.

**Prerequisites: Recommended for 8th Grade**

**Credits: Junior High 0.5 credits per semester**

### Junior High Mathematics

#### 7th Grade Mathematics

(Semester 1: **MAT700A** or Semester 2: **MAT700B**)

**\*Advanced students take 8<sup>th</sup> grade Pre-Algebra**

This course gives students opportunities to create, investigate, and demonstrate knowledge through animations, applications, videos, games, and real-world scenarios.

**Prerequisites: Algebra**

**Credits: Junior High 0.5 credits**

#### Pre-Algebra (8th grade Math)

(Semester 1: **MAT800A** or Semester 2: **MAT800B**)

**\*Advanced students take 9<sup>th</sup> grade Algebra 1**

Students will love this hands-on math course. Through engaging exercises and assessments students will gain a true understanding of higher-level concepts, such as systems of equations and central tendencies.

**Prerequisites: Recommended for 8th Grade**

**Credits: Junior High 0.5 credits**

### Junior High Science

#### 7th Grade Science

(Semester 1: **SCI700A** or Semester 2: **SCI700B**)

**\*Advanced students take 8<sup>th</sup> grade Science**

In this course, students explore the foundations of science, energy, Earth and its features; Earth's internal and external structures and how they change; Earth's history, living things, and how they change and interact; and genetics, heredity, and the organization of living organisms.

**Prerequisites: Recommended for 7th Grade**

**Credits: Junior High 0.5 credits**

#### 8th Grade Science

(Semester 1: **SCI800A** or Semester 2: **SCI800B**)

**\*Advanced students take 9<sup>th</sup> grade Science**

The course introduces new information and reviews some science basics to prepare students for high school science coursework. Topics covered in this course include: the nature of science, Earth and space science, properties of matter, changes in matter, matter and energy, and energy flow.

**Prerequisites: Recommended for 8th Grade**

**Credits: Junior High 0.5 credits**

## **Junior High Social Studies**

### **7th Grade Social Studies**

**(Semester 1: SOC700A or Semester 2: SOC700B)**

In this course, students will research the cultural and natural landscapes of the regions they visit. They will then design their own theme park offering a multicultural understanding of our world's diverse people and places.

**Credits: Junior High 0.5 credits per semester**

### **8th Grade Social Studies**

**(Semester 1: SOC800A or Semester 2: SOC800B)**

In this course, students will discover that history is full of adventure, colorful characters, and complex plots. Each complex plot will be different and will highlight an important story from our nation's past.

**Credits: Junior High 0.5 credits per semester**

## **Junior High Electives**

### **Junior High Physical Education**

#### **Comprehensive PE- Grade 7**

**(one semester course: PED700)**

This interactive, highly animated course helps students learn safety rules for exercise, how to improve skills, and how to establish and accomplish goals. It also provides an overview of many dual, team, extreme, and outdoor sports.

**Credits: Junior High 0.5 credits**

#### **Comprehensive PE- Grade 8**

**(one semester course: PED800)**

Practicing game strategy to improve the chance of winning in competition, improving sport skill and performance, diversity in sports, nutrition, peer pressure, and making good choices balance out the topic's students discover in this course. Fitness logs help students monitor physical activities. Students complete projects that lead to the knowledge, skills, and values they need to implement and maintain a physically active lifestyle.

**Credits: Junior High 0.5 credits**

### **Junior High World Languages**

#### **Beginning Spanish**

**(Semester 1: SPA701A or Semester 2: SPA701B)**

In this course, students will learn basic Spanish phrases and vocabulary through interactive lessons that will include images, recordings and videos.

**Credits: Junior High 0.5 credits per semester**

#### **Intermediate Spanish**

**(Semester 1: SPA702A or Semester 2: SPA702B)**

In this course, students will journey with our student traveler, Cristina, to Spain, Puerto Rico, Columbia, and Argentina. Cristina will share her experiences as students learn how to speak Spanish in many useful situations. New words and phrases will be introduced with pictures, audio clips, and videos. Students will learn how to greet people, introduce themselves, and speak about their family, home, food, sports, and more through interactive activities, reading, writing, listening, and speaking exercises.

**Prerequisites:** Beginning Spanish

**Credits: Junior High 0.5 credits per semester**

#### **Spanish 1**

**(Semester 1: SPA100A or Semester 2: SPA100B)**

Students will learn basic Spanish grammar to help build their fluency and understanding. There are many opportunities to practice what they learn through interactive practice activities in the form of games, written practice, listening, and speaking exercises.

**Prerequisites:** Grades 9-12 or Admin Approval

**Credits: 0.5 credits per semester**

## **Junior High General Electives**

### **Junior High Career Exploration I** **(One Semester Course: ELE750A)**

In Career Exploration, you will explore careers in over fifteen different career areas. From the energy field to human resources and from law to transportation, you will learn more about what careers are available and what you need to do to get there. In addition, you will examine how to choose the career that is best for you based on your own unique personality and interests as well as how you can begin developing your leadership skills now. Career Exploration will help you prepare for your future now.

**Credits: Junior High 0.5 credits**

### **Junior High Digital Art and Design** **(Semester 1: ART740A or Semester 2: ART740B)**

There are so many different types of art in this world—fine art, classical art, visual art—but the impact of digital art and design is all around us, often in ways that you probably are not even aware of! After taking Digital Art and Design, you will enjoy a deeper understanding and appreciation for all things digital as you explore this special genre of art found in everything from advertising to animation to photography and beyond. In this course, you will learn about the evolution of art, the basic principles of art and design, and the role of art in politics and society. Additionally, you will actually create your own digital art and make it come alive. Give your creative side a boost with this Digital Art and Design course.

**Credits: Junior High 0.5 credits per semester**

### **Junior High Journalism** **(Semester 1: ELE770A or Semester 2: ELE770B)**

Are you someone who likes to get the story straight? Do you always want to know more? Who? What? When? Where? How? These are the details that make for a great story. Knowing how to find these key facts and then write them up in a way that makes it easy for others to read about it is the skill of a true journalist. In Middle School Journalism: Tell Your Story, you will learn how ask the right questions, look for the details, and find the story in any situation. You will learn how to gather information effectively, organize ideas, format stories for media production, and edit your articles. Get ready to break that news.

**Credits: Junior High 0.5 credits per semester**

### **Junior High Music Exploration** **(Semester 1: ELE780A or Semester 2: ELE780B)**

What comes to mind when you hear the word 'music'? Do you think about your favorite band or artist? Do you think about instruments and scales and chords? The word 'music' means something different to everyone. This is why in Exploring Music there is a little bit of something for everyone! You will learn about how we hear music and how music affects our lives. You will explore important elements of music like rhythm, pitch, and harmony, as well as different musical genres. You will discover more about your singing voice and musical instruments and composition while taking in the history and culture of music over the years. Tune up your understanding and appreciation for all things music by signing up for this course.

**Credits: Junior High 0.5 credits per semester**

### **Junior High Photography** **(Semester 1: PHO700A or Semester 2: PHO700B)**

This course introduces students to the basics of photography, including camera functions and photo composition. Students will learn what it takes to create a good photograph and how to improve photographs of animals, people, and vacations. They will also begin working with their photographs using photo-editing software. Through a variety of assigned projects, students will engage their creativity by photographing a range of subjects and learning to see the world through the lens of their cameras.

**Credits: Junior High 0.5 credits per semester**

# High School Courses

## High School English

### English 9

(Semester 1: **ENG100A** or Semester 2: **ENG100B**)

**\*Honors Available:**

(Semester 1 Hon: **ENG105A** or Semester 2 Hon: **ENG105B**)

In this course, students will gain language arts skills by reading literature, writing, listening, viewing, and speaking. They will learn to use the English language successfully to express themselves.

**Credits: 0.5 credits per semester**

### English 10

(Semester 1: **ENG200A** or Semester 2: **ENG200B**)

**\*Honors Available:**

(Semester 1 Hon: **ENG205A** or Semester 2 Hon: **ENG205B**)

Students will be exposed to various forms of communication, including verbal, visual, and audio. In addition to evaluating the plot and characters of well-known writers, students will learn to identify themes, create dialogue, and appeal to

emotions through their writing.

**Prerequisites: English 9**

**Credits: 0.5 credits per semester**

### English 11

(Semester 1: **ENG300A** or Semester 2: **ENG300B**)

In this course, the writing, and insights of authors throughout history are collected in a fictitious newspaper called "The Virtual Times." Students will gain an appreciation of American literature and learn about the times in which it was written.

**Prerequisites: English 10**

**Credits: 0.5 credits per semester**

### AP English Language and Composition

(Semester 1: **ENG305A** or Semester 2: **ENG305B**)

Students will become skilled readers of prose written in various periods, disciplines, and rhetorical contexts. They will gain understanding of the interactions between writer's purposes, audience expectations, and subjects.

**Prerequisites: English 9 and 10**

**Credits: 0.5 credits per semester**

### English 12

(Semester 1: **ENG400A** or Semester 2: **ENG400B**)

In this course, students will be asked to choose pieces of literature that interest them, analyzing the subject matter, and persuasively expressing their own ideas.

**Prerequisites: English 11**

**Credits: 0.5 credits per semester**

### AP English Literature and Composition

(Semester 1: **ENG405A** or Semester 2: **ENG405B**)

In this course, students will develop critical standards for the appreciation of literary works and increase their sensitivity to literature as shared experiences.

**Prerequisites: English 9, 10, & 11**

**Credits: 0.5 credits per semester \*e-book fee for part-time and tuition paying students**

## **High School Mathematics**

### **Algebra I**

**(Semester 1: MAT100A or Semester 2: MAT100B)**

This course contains the basic knowledge students need for all high school math courses. Students will understand the practical use of algebra with hundreds of real-world examples.

**Prerequisites: Pre-Algebra (8th Grade Math)**

**Credits: 0.5 credits per semester**

### **Geometry**

**(Semester 1: MAT200A Semester 2: MAT200B)**

**\*Honors Available:**

**(Semester 1 Hon: MAT205A or Semester 2 Hon: MAT205B)**

In this course, students will learn about points, lines, and planes. They will learn about shapes and gain an understanding of how geometry affects the world around us.

**Prerequisites: Algebra I**

**Credits: 0.5 credits per semester**

### **Algebra II**

**(Semester 1: MAT300A or Semester 2: MAT300B)**

**\*Honors Available:**

**(Semester 1 Hon: MAT305A or Semester 2 Hon: MAT305B)**

Starting with a review of basic algebra, students will learn polynomials, quadratic equations, exponential and logarithmic relations, and probability and statistics.

**Prerequisites: Geometry or Honors Geometry**

**Credits: 0.5 credits per semester**

### **College Algebra**

**(Semester 1: MAT340A or Semester 2: MAT340B)**

Analysis and interpretation of the behavior and nature of functions including polynomial, rational, exponential, logarithmic, power, absolute value, and piecewise-defined functions; systems of equations, modeling and solving real world problems. Additional topics may include matrices, combinatorics, sequences and series, and conics.

**Prerequisites: Algebra II**

**Credits: 0.5 credits per semester \*e-book fee for part-time and tuition paying students**

### **Pre-Calculus**

**(Semester 1: MAT400A or Semester 2: MAT40B)**

Using algebraic manipulation, graphing and application, the following topics will be emphasized: functions, mathematical modeling, exponential and logarithmic equations, discrete mathematics, and trigonometry

**Prerequisites: Algebra II**

**Credits: 0.5 credits per semester \*e-book fee for part-time and tuition paying students**

### **Honors Pre-Calculus**

**(Semester 1: MAT405A or Semester 2: MAT405B)**

Students, as mathematical analysts, investigate how advanced mathematics concepts are used to solve problems encountered in operating national parks. As students venture from algebra to trigonometry, they analyze and articulate the real-world application of these concepts. The purpose of this course is to study functions and develop skills necessary for the study of calculus. This course includes algebra, analytical geometry, and trigonometry.

**Prerequisites: Algebra 2 or Honors Algebra 2**

**Credits: 0.5 credits per semester \*e-book fee for part-time and tuition paying students**

### **Intro to Statistics**

**(Semester 1: MAT430A or Semester 2: MAT430B)**

Students will be introduced to exploring data, sampling and experimentation by planning and conducting studies, anticipating patterns using probability and simulation, and employing statistical inference to analyze data and draw conclusions.

**Prerequisites: Algebra 2**

**Credits: 0.5 credits per semester**



### **AP Statistics**

**(Semester 1: MAT425A or Semester 2: MAT425B)**

This course is designed to provide college-level instruction on the concepts and tools for working with data. Students collect and analyze data and draw conclusions based on real-world information. The course challenges students to explore patterns, think critically, use a variety of tools and methods, and report their findings and conclusions.

**Prerequisites: Algebra 2 or Pre-calculus or Honors Pre-Calculus**

**Credits: 0.5 credits per semester**

### **AP Calculus AB**

**(Semester 1: MAT435A or Semester 2: MAT435B)**

This course consists of a full high school year of work that is comparable to college and university calculus courses. Taking this course will help prepare students for the Calculus AB Advanced Placement® Exam.

**Prerequisites: Pre-calculus or Honors Pre-Calculus**

**Credits: 0.5 credits per semester \*e-book fee for part-time and tuition paying students**

### **AP Calculus BC**

**(Semester 1: MAT445A or Semester 2: MAT445B)**

This course consists of a full high school year of work that is comparable to college and university calculus courses. Taking this course will help prepare students for the Calculus BC Advanced Placement Exam.

**Prerequisites: Calculus AB or Honors Pre-Calculus or Brief Calculus**

**Credits: 0.5 credits per semester \*e-book fee for part-time and tuition paying students**

## **High School Science**

### **Investigative Science**

**(Semester 1: SCI100A or Semester 2: SCI100B)**

This course is designed as an interactive, 21st century course focusing on basic physics and chemistry. Topics include forces and motion, energy through waves, electricity and magnetism, the matter around us, and chemical bonding and reactions. This course will provide a foundation for the study of the physical sciences.

**Prerequisites: Grade 9 OR Admin Approval**

**Credits: 0.5 credits per semester**

### **Biology**

**(Semester 1: SCI200A or Semester 2: SCI200B)**

**\*Honors Available:**

**(Semester 1 Hon: SCI205A or Semester 2 Hon: SCI205B)**

This course provides an in-depth look at the fundamental characteristics of living organisms. It is designed to promote scientific inquiry and discovery. Students will be introduced to the structure, function, diversity, and evolution of living organisms.

**Prerequisites: Grade 9, 10 OR Admin Approval; Investigative Science**

**Credits: 0.5 credits per semester**

### **AP Biology**

**(Semester 1: SCI215A or Semester 2: SCI215B)**

This challenging course is designed to provide a college-level experience. Over two semesters, students are engaged in a wide variety of activities, with substantial emphasis on interpreting and collecting data in virtual labs, writing analytical essays, and mastering Biology concepts.

**Prerequisites: Grades 10, 11 or 12; Chemistry**

**Credits: 0.5 credits per semester \*e-book fee for part-time and tuition paying students**

### **Chemistry**

**(Semester 1: SCI300A or Semester 2: SCI300B)**

**\*Honors Available:**

**(Semester 1 Hon: SCI305A or Semester 2 Hon: SCI305B)**

This course is designed to serve as a foundation for the study of Chemistry and includes: scientific inquiry, interactive experiences, higher order thinking, collaborative projects, real world application, and a variety of assessments.

**Prerequisites: Grades 10, 11 or 12; Geometry and Biology**

**Credits: 0.5 credits per semester**

## **Physics**

**(Semester 1 & 2) (Semester 1: SCI400A or Semester 2: SCI400B)**

In this course, students discover the contributions of geniuses like Galileo, Newton, and Einstein by learning about the concepts, theories, and laws that govern the interaction of matter, energy, and forces.

**Prerequisites: Grades 10, 11 or 12; Geometry and Biology**

**Credits: 0.5 credits per semester**

## **Anatomy and Physiology**

**(Semester 1: SCI460A or Semester 2: SCI460B)**

Explore the organization of the human body and how it works. Acquire knowledge necessary to understand what the body is doing and how you can help the body cope with many different situations. Body systems will be studied in order to understand how their structure, location, and function allow for interaction with other parts of the body.

**Prerequisites: Grades 11 or 12; Biology and Chemistry**

**Credits: 0.5 credits per semester**

## **High School Social Studies**

### **World History/Geography**

**(Semester 1: SOC100A or Semester 2: SOC100B)**

**\*Honors Available:**

**(Semester 1 Hon: SOC105A or Semester 2 Hon: SOC105B)**

The purpose of this course is to enable students to understand their connections to the development of civilizations by examining the past to prepare for their future as participating members of a global community.

**Prerequisites: Grades 9, 10, 11 or 12**

**Credits: 0.5 credits per semester**

### **AP World History/Geography**

**(Semester 1: SOC115A or Semester 2: SOC115B)**

This course covers world history and geography from early civilization to present. Students are required to read literary works and other primary source materials that relate to the course. Strong writing and research skills are necessary to be successful in this class. Critical thinking and problem solving will be encouraged. This course prepares the students to take the AP World History Exam.

### **American/Arizona History**

**(Semester 1: SOC300A or Semester 2: SOC300B)**

**\*AP Level Course Available (see description below)**

In this course, students will investigate the people, events and ideas that have shaped the United States from the end of the Civil War through today. Students are asked to analyze and evaluate decisions made by political, business and military leaders. Emphasis is placed on connections between events of the past and present. This course also gives students the opportunity to conduct research and apply their learning to current, real-world problems.

**Prerequisites: Grades 11, 12**

**Credits: 0.5 credits per semester**

### **AP American/Arizona History**

**(Semester 1: SOC305A or Semester 2: SOC305B)**

Within AP Am/AZ History, students will develop and use historical thinking skills (chronological reasoning, comparison and contextualization, crafting historical arguments from historical evidence, and historical interpretation and synthesis) to examine the history of the United States from 1491 to the present.

**Prerequisites: Grades 11, 12; Instructor recommendation**

**Credits: 0.5 credits per semester \*e-book fee for part-time and tuition paying students**

### **American Government**

**(one semester course: SOC400A)**

**\*AP Level Course Available (see description below)**

Students will take on the role of a Washington, D.C. intern and spend time working throughout the nation's capital with all three branches of government. They will gain a greater understanding of the country's beginnings, and how the government functions at different levels.

**Prerequisites: Grade 12**

**Credits: 0.5 credit semester course**

## **AP American Government**

**(one semester course: SOC405)**

Lights, Camera, Action" ...Prepare to study the intricacies of American Political Culture. The script is written, and the actors participate daily in the drama of American politics. You will be "on location" to delve into primary source documents. You will go behind the scenes with stars such as the President, Congress people, and Supreme Court Justices. You will research the roles of the media, political parties, interest groups, states, candidates, bureaucracy, and the public in the governmental process. Finally, you will witness the large-scale production of policy building in the areas of economic/social policy, foreign policy and public administration.

**Prerequisites: 12th grade; Instructor recommendation**

**Credits: 0.5 credit semester course \*e-book fee for part-time and tuition paying students**

## **Economics**

**(one semester course: SOC420)**

**\*AP Level Course Available (see description below)**

The purpose of this course is to help students become more informed consumers, producers, investors, and taxpayers. Students are shown how their choices directly affect their future.

**Prerequisites: Grades 12**

**Credits: 0.5 credit semester course**

## **AP Macroeconomics**

**(one semester course: SOC425A)**

Understand the choices you make as a producer, consumer, investor, and taxpayer. This course provides you with the knowledge and decision-making tools necessary for understanding how a society must organize its limited resources to satisfy its unlimited wants. This course meets the Economics high school graduation requirement.

**Prerequisites: Grade 12; Instructor recommendation**

**Credits: 0.5 semester course**

## **High School Electives**

### **World Languages**

#### **Spanish 1**

**(Semester 1: SPA100A or Semester 2: SPA100B)**

Students will learn basic Spanish grammar to help build their fluency and understanding. There are many opportunities to practice what they learn through interactive practice activities in the form of games, written practice, listening, and speaking exercises.

**Prerequisites: Grades 9-12 or Admin Approval**

**Credits: 0.5 credits per semester**

#### **Spanish 2**

**(Semester 1: SPA200A or Semester 2: SPA200B)**

This course will strengthen Spanish listening, speaking, reading, and writing skills. Students will also experience the beauty and expressiveness of a language that is shared by different people and cultures throughout the world.

**Prerequisites: Grades 9-12 or Admin Approval and Spanish 1**

**Credits: 0.5 credits per semester**

#### **Honors Spanish 3**

**(Semester 1: SPA305A or Semester 2: SPA305B)**

In this course, students will have many opportunities to perfect the Spanish they learned. They will have the chance to further expand their vocabulary and learn about Spanish-speaking countries.

**Prerequisites: Grades 9-12 and Spanish 2.**

**Credits: 0.5 credits per semester**

#### **AP Spanish Language and Culture (Year 4)**

**(Semester 1: SPA405A or Semester 2: SPA405B)**

This course is designed to refine, perfect, and enhance language skills: listening, speaking, reading, and writing. It emphasizes active communication in Spanish and broadens the student's understanding of Hispanic culture. There is a strong focus on applying language to real life situations.

**Prerequisites: Grades 10, 11, or 12 and Spanish 3 or equivalent study or instructor approval.**

**Credits: 0.5 credits per semester**

## **French 1**

**(Semester 1: FRE100A or Semester 2: FRE100B)**

Students will learn basic French grammar to help build your fluency and understanding, and apply what you learn through interactive games, written practice, and listening and speaking exercises.

**Prerequisites: Grades 9-12 or Admin Approval**

**Credits: 0.5 credits per semester**

## **French 2**

**(Semester 1: FRE200A or Semester 2: FRE200B)**

This course will Strengthen your French listening, speaking, reading, and writing skills with engaging and interactive videos, dialogs, presentations, self-checks, and much more.

**Prerequisites: Grades 9-12 or Admin Approval and French 1**

**Credits: 0.5 credits per semester**

## **Mandarin Chinese 1**

**(Semester 1: CHI100A or Semester 2: CHI100B)**

Students learn the basic Chinese language. At the very beginning, the course starts by introducing students to a general knowledge of Pinyin, Mandarin Chinese, Chinese dialects, and Chinese characters. They engage in conversation in Chinese including greeting people, introducing themselves to others, and exchanging basic information with others. They also learn to count from 1 to 1000 and make simple sentences in both spoken and written Chinese and learn 160 "magical" Chinese characters. As students walk through the units, they get to know not only the language itself, but also the culture.

**Prerequisites: Grades 9-12 or Admin Approval**

**Credits: 0.5 credits per semester**

## **Mandarin Chinese 2**

**(Semester 1: CHI200A or Semester 2: CHI200B)**

Students will further develop the communicative skills of listening, speaking, reading, and writing Mandarin Chinese at a more advanced level. The course immerses students in Chinese culture as virtual exchange students in China. Virtual excursions from one Chinese city to another expand the students' vocabulary, helping them learn to interact with others and use appropriate terms to communicate in various everyday situations.

**Prerequisites: Grades 9-12. Mandarin Chinese 1.**

**Credits: 0.5 credits per semester**

## **Honors Mandarin Chinese 3**

**(Semester 1: CHI305A or Semester 2: CHI305B)**

Students learn essential knowledge of Chinese culture, including the origins, histories, anecdotes, and etiquettes for various cultural settings, events, and occasions. Students also learn to compare and contrast the Chinese culture with their own cultures in many different aspects.

**Prerequisites: Grades 9-12 and Mandarin Chinese 2**

**Credits: 0.5 credits per semester**

## **American Sign Language 1**

**(Semester 1: ASL100A or Semester 2: ASL100B)**

Introduction will introduce you to vocabulary and simple sentences, so that you can start communicating right away. Importantly, you will explore Deaf culture – social beliefs, traditions, history, values and communities influenced by deafness. The course will introduce you to more of this language and its grammatical structures.

**Prerequisites: Grades 9-12 or Admin Approval**

**Credits: 0.5 credits per semester**

## **American Sign Language 2**

**(Semester 1: ASL200A or Semester 2: ASL200B)**

In this course, in addition to learning classifiers, glossing, and mouth morphemes, students will explore vocabulary for descriptions, directions, shopping, making purchases, and dealing with emergencies. Students will increase their proficiency by learning about sequencing, transitions, role-shifts, and future tenses through storytelling and asking questions.

**Prerequisites: Grades 9-12 or Admin Approval and American Sign Language 1**

**Credits: 0.5 credits per semester**

## **Physical Education and Health**

### **Comprehensive Health**

**(one semester course: PED220)**

This course guides students as they deal with important decisions by providing them with the facts they need. Students will learn how to deal with real issues that impact their lives every day, such as nutrition, substance abuse, stress, and their health.

**Credits: 0.5 credit course**

### **Physical Education (P.E.)**

**(Semester 1: PED150A or Semester 2: PED150B)**

In this course, students will experience the many benefits of regular physical activity, proper nutrition, and sound decision making. Students will assess their current physical condition and define personal goals. Students will apply fitness training principles, enhancing improvement in health and skill-related areas of fitness.

**Credits: 0.5 credits per semester**

### **Personal Fitness (1 semester of P.E.)**

**(one semester course: PED140A)**

Students will start by assessing their physical condition. They will keep a workout log to measure progress. In addition, they will have a great personal trainer (their teacher) who will help them set realistic goals.

**Credits: 0.5 credit course**

## **General Electives**

### **Art History and Criticism (FINE ART)**

**(Semester 1: ART190A or Semester 2: ART190B)**

Students explore the role of art in history and culture through observation and analysis of significant works of art and architecture from Prehistory through the 16th century. Student historians investigate the societal context of works, considering traditional forms and conventions of representation, symbology, and the purposes for which the art was created. The course includes an introduction to the methodologies of art history and criticism, study of the media and techniques used by artists from various cultures and time periods, and use of appropriate terminology in verbal and written analyses of artworks drawn from around the world. Student historians critique and compare works across time and cultures to develop an understanding of, and respect for, the visual arts as a chronicle of history, cultural heritage, and the human experience.

**Credits: 0.5 credits per semester**

### **AP History of Art (FINE ART)**

**(Semester 1: ART335A or Semester 2: ART335B)**

Students will explore the interconnections between art, culture, and historical context using critical analysis through the critical lenses of artistic expression, cultural awareness, and purpose. Using a defined art historical skill set and reflective learning, students will analyze relationships across cultures with a global lens. The examination of how people have responded to and communicated their experiences through art will enable students to think conceptually about art ranging from prehistoric to contemporary.

**Credits: 0.5 credits per semester**

### **Creative Writing**

**(Semester 1: ENE200A or Semester 2: ENE200B)**

This course provides students with a solid grounding in the writing process, from finding inspiration to building a basic story to using complicated literary techniques and creating strange hybrid forms of poetic prose and prose poetry. By the end of this course, students will learn how to discover their creative thoughts and turn those ideas into fully realized pieces of creative writing.

**Credits: 0.5 credits per semester**

### **Criminology**

**(Semester 1: ELE102A or Semester 2: ELE102B)**

In today's world, crime and deviant behavior rank at or near the top of many people's concerns. In this course, we will study the field of Criminology – the study of crime. We will look at possible explanations for crime from the standpoint of psychological, biological and sociological perspectives, explore the categories and social consequences of crime, and investigate how the criminal justice system handles not only criminals, but also their misdeeds.

**Credits: 0.5 credits per semester**

### **Digital Photography I (FINE ART)**

**(Semester 1: DPH101A or Semester 2: DPH101B)**

The Digital Photography I course focuses on the basics of photography, including building an understanding of aperture, shutter speed, lighting, and composition.

Students will be introduced to the history of photography and basic camera functions. Students will use the basic techniques of composition and camera functions to build a portfolio of images, capturing people, landscapes, close-up, and action photographs.

**Credits: 0.5 credits per semester**

### **Entrepreneurship**

**(Semester 1: MRK320A or Semester 2: MRK320B)**

What does it really take to own your own business? Does the sound of being your own boss make you feel excited or anxious? Either way, Entrepreneurship: Starting Your Business will get you started in the right direction. This course explains the ins and outs of such an enterprise, giving you the confidence needed to be your very own boss. You will discover what is needed to operate a personal business from creating a plan, generating financing, and pricing products to marketing services and managing employees. If you have ever dreamed of being a true entrepreneur but feel daunted by the prospect, this is your chance to learn all you need to know.

**Credits: 0.5 credits per semester**

### **Food and Nutrition I**

**(Semester 1: CUL110A or Semester 2: CUL110B)**

Thinking of a career in the food service industry or looking to develop your culinary skills? This introductory course will provide you with basic cooking and knife skills while preparing you for entry into the culinary world. Discover the history of food culture, food service, and global cuisines while learning about food science principles and preservation. Finally, prepare for your future by building the professional, communication, leadership, and teamwork skills that are crucial to a career in the culinary arts. Discover how to elevate your culinary skills through the creation of stocks, soups, sauces, and learn baking techniques. Examine sustainable food practices and the benefits of nutrition while maintaining taste, plating, and presentation to truly wow your guests. This course will require the purchase of grocery items to complete assignments.

**Credits: 0.5 credits per semester**

### **Food and Nutrition II**

**(Semester 1: CUL210A or Semester 2: CUL210B)**

Whether you aspire to be a world-class chef or just want to learn the skills needed to create your own dishes, Culinary Arts 2 will help you build a strong foundation and grow your knowledge of this exciting industry. In this course, you will explore baking and desserts, learn how to prepare proteins, and study nutrition and safety in the kitchen. You will also enhance your understanding of sustainability in the food industry, learn to prepare meals from a global perspective, and dissect the business of cooking, from managing a kitchen to successfully running a catering company. Discover the delights that await you on this delicious culinary adventure! This course will require the purchase of grocery items to complete assignments

**Credits: 0.5 credits per semester**

### **AP Human Geography**

**(Semester 1: SSE205A or Semester 2: SSE205B)**

Students will explore the diverse ways in which people affect the world around them and how they are affected by their surroundings. Students will discover how ideas spread and cultures form and learn how beliefs and architecture are part of a larger culture complex. In addition to introducing students to the field of Human Geography, this course will teach students how to analyze humans and their environments.

**Credits: 0.5 credits per semester**

### **Law & Order: Criminal Justice Operations**

**(Semester 1: ELE103A or Semester 2: ELE103B)**

Every society has laws that its citizens must follow. From traffic laws to regulations on how the government operates, laws help provide society with order and structure. This course focuses on the creation and application of laws in various areas of society. By understanding the workings of our court system, as well as how laws are actually carried out, we become more informed and responsible citizens in our communities and of our nation.

**Credits: 0.5 credits per semester**

### **Music Appreciation (FINE ART)**

**(Semester 1: ELE106A or Semester 2: ELE106B)**

Music is part of everyday lives and reflects the spirit of our human condition. To know and understand music, we distinguish and identify cultures on local and global levels. This course will provide students with an aesthetic and historical perspective of music, a historical perspective on music from the Middle Ages to the 21st century, but it will also teach you the essentials of how to listen and really hear (with a knowledgeable ear) the different music that's all around you. Learning how to truly appreciate sound and melody is the best way to ensure a continued love of this delightful art form.

**Credits: 0.5 credits per semester**

### **Personal Psychology I**

**(Semester 1: ELE104A or Semester 2: ELE104B)**

Self-knowledge is the key to self-improvement! More than 800,000 high school students take psychology classes each year. Among the different reasons, there is usually the common theme of self-discovery! Sample topics include the study of infancy, childhood, adolescence, perception, and states of consciousness. Online psychology experiments dealing with our own personal behavior is featured within this course.

**Credits: 0.5 credits per semester**

### **Sports and Entertainment Promotion**

**(Semester 1: MRK310A or Semester 2: MRK310B)**

In this course, you'll have the opportunity to explore basic marketing principles and delve deeper into the multibillion-dollar sports and entertainment marketing industry. You'll learn about how professional athletes, sports teams, and well-known entertainers are marketed as commodities and how some of them become billionaires as a result. If you've ever wondered about how things work behind the scenes of a major sporting event such as the Super Bowl or even entertained the idea of playing a role in such an event, then this course will introduce you to the fundamentals of such a career.

**Credits: 0.5 credits per semester**

# **NCAA Approved Courses**

## **ENGLISH**

English 9  
Honors English 9  
English 10  
Honors English 10  
English 11  
AP English Language Composition  
English 12  
AP English Literature Composition

## **MATHEMATICS**

Algebra I  
Honors Algebra I  
Geometry  
Honors Geometry  
Algebra II  
Honors Algebra II  
College Algebra  
Pre-Calculus  
Honors Pre-Calculus  
AP Statistics  
AP Calculus AB  
AP Calculus BC

## **SCIENCE**

Investigative Science  
Biology  
Honors Biology  
Anatomy and Physiology  
AP Biology  
Chemistry  
Honors Chemistry  
Physics

## **SOCIAL SCIENCE**

World History/Geography  
AP World History/Geography  
Honors World History/Geography  
American/AZ History  
AP American/AZ History  
American Government  
AP US Government  
Economics  
AP Macroeconomics

## **ELECTIVES**

AP History of Art  
AP Human Geography  
Creative Writing  
Criminology  
Law and Order  
Personal Psychology 1

## **WORLD LANGUAGES**

American Sign Language 1  
American Sign Language 2  
French 1  
French 2  
Mandarin Chinese 1  
Mandarin Chinese 2  
Honors Mandarin Chinese 3  
Spanish 1  
Spanish 2  
Honors Spanish 3  
AP Spanish Language Culture (Year 4)