

## **New Courses for the ZCHS 2026-2027 Course Catalog**

Each school year, ZCHS leaders assess the status of enrollments in each course and the calibration of courses for potential additions to the High School Course Catalog. These additions were reviewed by a New Course Proposal Review Team. This year we received board approval for the following course additions (course descriptions are included at the end of this document):

### **Arts and Wellness**

- Jewelry
- Printmaking

### **Business and Engineering**

- Management Fundamentals
- Principles of Business Management

### **English**

- AP Seminar

### **Math**

- Analytical Algebra
- AP Precalculus

### **World Language**

- Workplace Spanish

## Department: Arts and Wellness

**State Course Title:** Jewelry (L) (A) (JWLRY)

**State Course #:** 4042

**Classification:** Regular

**Open to:** 9,10,11,12

**Prerequisites:** None

**Length:** 1 semester

**Credits:** 1

**Weight:** None

### Course Description:

In Jewelry, you'll learn how to design and create your own wearable works of art. From sketching ideas to building finished pieces, you'll explore different materials and discover how jewelry connects to history, culture, and personal expression. Along the way, you'll practice problem-solving, creative thinking, and presentation skills while building a portfolio of unique designs. This course is a great choice if you want more hands-on 3D art opportunities and a fun, creative way to express yourself.

**State Course Title:** Printmaking (L) (A) (PRNTMKG)

**State Course #:** 4066

**Classification:** Regular

**Open to:** 9,10,11,12

**Prerequisites:** None

**Length:** 1 semester

**Credits:** 1

**Weight:** None

### Course Description:

Printmaking is all about creating art through different printing methods like linocut, silkscreen, monoprint, and more. In this class, you'll experiment with both abstract and realistic designs while learning how artists throughout history have used printmaking to share ideas and tell stories. You'll practice problem-solving and creative thinking as you explore different processes, refine your work, and build a portfolio of original prints. This course is a hands-on way to try new materials, connect with art and culture, and develop your own artistic voice.

## **Department: Business and Engineering**

**State Course Title:** Management Fundamentals

**State Course #:** 7143

**Classification:** Dual Credit

**Open to:** 10,11,12

**Prerequisites:** Principles of Business Management

**Length:** Full Year

**Credits:** 2

**Weight:** Full Point

### **Simple Course Language for Program of Studies:**

Management Fundamentals describes the functions of managers, including the management of activities and personnel. Describes the judicial system and the nature and sources of law affecting business. Studies contracts, sales contracts with emphasis on Uniform Commercial Code Applications, remedies for breach of contract and tort liabilities. Examines legal aspects of property ownership, structures of business ownership, and agency relationships. (This course will absorb Sports Marketing Hybrid units of study.)

**State Course Title:** Principles of Business Management

**State Course #:** 4562

**Classification:** Regular

**Open to:** 9,10,11,12

**Prerequisites:** None

**Length:** Full Year

**Credits:** 2

**Weight:** None

### **Course Description:**

Principles of Business Management examines business ownership, organization principles and problems, management, control facilities, administration, financial management, and development practices of business enterprises. This course will also emphasize the identification and practice of the appropriate use of technology to communicate and solve business problems and aid in decision making. Attention will be given to developing business communication, problem-solving, and decision-making skills using spreadsheets, word processing, data management, and presentation software. This course will serve as the foundational course for all state-provided and locally-created pathways and replace Introduction to Business.

## **Department: English**

**State Course Title:** AP Seminar

**State Course #:** 0552

**Classification:** Advanced Placement

**Open to:** 10,11

**Prerequisites:** None

**Length:** Full Year

**Credits:** 2

**Weight:** Full Point

### **Simple Course Language for Program of Studies:**

AP Seminar is a that engages students in cross curricular conversations that explore the complexities of academic and real-world topics and issues by analyzing different perspectives. Students will use an inquiry-based approach to reading and analyzing articles, research studies, and foundational, literary, and philosophical texts; and listening to and viewing speeches, broadcasts, and personal accounts. Students learn to synthesize information from multiple sources, develop their own perspectives in written essays, and design and deliver oral and visual presentations, both individually and as part of a team. Assessment in the course includes two through-course performance tasks and an end-of-course exam.

## **Department: Math**

**State Course Title:** Analytical Algebra II (ANA ALG)

**State Course #:** 2524

**Classification:** Regular

**Open to:** 10,11,12

**Prerequisites:** Algebra I

**Length:** Full Year

**Credits:** 2

**Weight:** None

### **Course Description:**

Analytical Algebra II builds on previous work with linear, quadratic and exponential functions and extends to include polynomial, rational, and radical functions. Data analysis, statistics, and probability will be included throughout the course, as students collect and use univariate and bivariate data to create and interpret mathematical models. Analytical Algebra II focuses on the application of mathematics in various disciplines including business, finance, science, CTE, and social sciences using technology to model real-world problems with various functions, using and translating between multiple representations.

**State Course Title:** AP Precalculus (PreCalc AP)

**State Course #:** 2563

**Classification:** Advanced Placement

**Open to:** 11,12

**Prerequisites:** Geometry and Algebra II

**Length:** Full Year

**Credits:** 2

**Weight:** Full Point

**Simple Course Language for Program of Studies:**

This year-long course uses advanced algebraic concepts that are handled from an algebraic as well as geometric standpoint. The 4 units of study include: Polynomial and Rational Functions (through the lenses of modeling and various rates of change), Exponential and Logarithmic Functions (exploring the relationship between exponential and logarithmic functions), Trigonometric and Polar Functions (modeling and exploring periodic phenomena using transformations of trigonometric functions, and Functions Involving Parameters, Vectors, and Matrices (exploring a variety of new function types). A comprehensive description of the topics covered can be found on the College Board's AP Central website. This course prepares students to take the College Board's Advanced Placement Precalculus exam. Upon successful completion of the AP Exam, students may be able to test out of one semester of college algebra/trig and earn college credit depending on the university's requirement. Students will need access to a TI-84 graphing calculator.

**Department: World Language**

**State Course Title:** Workplace Spanish

**State Course #:** 2136

**Classification:** Regular

**Open to:** 10,11,12

**Prerequisites:** Spanish II

**Length:** Full Year

**Credits:** 2

**Weight:** None

**Course Description:**

This course prepares students to use Spanish effectively in real-world professional settings. Students will explore the Spanish language and culture through practical applications in business, healthcare, community service, and other professional settings. The course emphasizes communication skills, cultural understanding, and project-based learning that mirrors real-life professional experiences.