

# CVCA Class Bulletin

Central Valley Christian Academy is accredited by the Western Association of Schools and Colleges (WASC), the National Council for Private School Accreditation (NCPSA), and the Adventist Accrediting Association (AAA). CVCA's curriculum is accepted by the A-G College Entrance Requirements which is through the University of California and the California State University system.



CVCA offers a curriculum that meets University of California (UC) and California State University (CSU) admissions requirements. Most CVCA courses are "A-G" approved classes, meaning they have been certified by the UC college system. "A-G" refers to the classification of those classes. The most up-to-date list of CVCA "A-G" classes can be found [here](#).

CVCA also participates in the California Scholarship Federation (CSF) in partnership with the National Honor Society (NHS) in recognizing and commending students who obtain high achievements in their academics.



# Diploma Distinctions

## General Diploma

### Minimum Total – 24 Carnegie Units

<b>Basic</b>	<b>18.5 Carnegie Units</b>
Bible / Religion	4 Carnegie Units
English	4 Carnegie Units
Health Education	.5 Carnegie Units
Mathematics	2 Carnegie Units
<i>* Pre-Algebra does not count towards HS Math Credit</i>	
**Physical Education	3 Carnegie Units
Science	2 Carnegie Units
<i>* 1 Carnegie Unit may be non-lab</i>	
Social Studies	3 Carnegie Units

\*\*Physical Education - Only 1 Carnegie Unit Per school year will count toward the graduation requirement. 1 of the 3 Carnegie Units must be taken in the 11th or 12th grade year.

<b>Cognates</b>	<b>1 Carnegie Unit</b>
Computer Applications	.5 Carnegie Units
Fine Arts	.5 Carnegie Units
Family Living	
Career Education / Guidance Counseling	
Community Service	25 clock hours for each year enrolled at CVCA

<b>Electives</b>	<b>4.5 Carnegie Units</b>
Home Economics	.5 Carnegie Unit
Graphic Design	.5 Carnegie Unit
Yearbook	.5 Carnegie Unit
Art	.5 Carnegie Unit
Band	.5 Carnegie Unit
Choir	.5 Carnegie Unit
Gymnastics	1 Carnegie Unit
Robotics	1 Carnegie Unit
Physical Education	1 Carnegie Unit

# College Preparatory Diploma

## Minimum Total – 27 Carnegie Units

Meets A-G requirements

### Basic 22.5 Carnegie Units

Bible / Religion 4 Carnegie Units

English 4 Carnegie Units

Health Education .5 Carnegie Units

Mathematics 3 Carnegie Units

*\* Pre-Algebra does not count towards HS Math Credit*

Modern Language 2 Carnegie Units

\*\*Physical Education 3 Carnegie Units

Science 3 Carnegie Units

*\*Must all be lab classes*

Social Studies 3 Carnegie Units

\*A grade of C or better in all core classes

\*\*Physical Education - Only 1 Carnegie Unit Per school year will count toward the graduation requirement. 1 of the 3 Carnegie Units must be taken in the 11th or 12th grade year.

### Cognates 2.5 Carnegie Unit

Computer Applications .5 Carnegie Units

Fine Arts 2 Carnegie Units

Family Living

Career Education / Guidance Counseling

Community Service 25 clock hours for each year enrolled at CVCA

### Electives 2 Carnegie Units

Home Economics .5 Carnegie Unit

Graphic Design .5 Carnegie Unit

Yearbook .5 Carnegie Unit

Art .5 Carnegie Unit

Band .5 Carnegie Unit

Choir .5 Carnegie Unit

Gymnastics 1 Carnegie Unit

Robotics 1 Carnegie Unit

Physical Education 1 Carnegie Unit

*\*Must include Algebra 1, Algebra 2, and Geometry*

# Advanced Honors Diploma

## Minimum Total – 28 Carnegie Units

*All of the College Preparatory requirements with the following additions:*

- A grade of B or better in ALL high school classes
- Cumulative GPA of 3.5 or higher
- Senior Project (.5 Carnegie Unit \*this credit does not count towards the 28 Carnegie Units)
- 2 hours of Honors/AP courses
- Minimum Competency must be 12<sup>th</sup> grade or higher in the MAP Math and English, ACT Composite Score 28, or SAT 1290

## Grading Scales

### Grading Scale - General

A	93 - 100%	4.0 GPA	Excellent
A-	90 - 92%	3.7 GPA	
B+	87 - 89%	3.3 GPA	
B	83 - 86%	3.0 GPA	Above Average
B-	80 - 82%	2.7 GPA	
C+	77 - 79%	2.3 GPA	
C	73 - 76%	2.0 GPA	Average
C-	70 - 72%	1.7 GPA	
D+	67 - 69%	1.3 GPA	
D	63 - 66%	1.0 GPA	Below Average
D-	60 - 62%	0.7 GPA	
F	0 - 59%	0 GPA	Failure - no credit
I		0 GPA	Incomplete*

### Grading Scale - Honors Classes

A	94 - 100%	5.0 GPA	Excellent
A-	90 - 93%	4.7 GPA	
B+	87 - 89%	4.3 GPA	
B	84 - 86%	4.0 GPA	Above Average
B-	80 - 83%	3.7 GPA	
C+	77 - 79%	3.3 GPA	

C	70 - 76%	3.0 GPA	Average
C-	65 - 69%	2.7 GPA	
D+	59 - 64%	2.3 GPA	
D	54 - 58%	2.0 GPA	Below Average
D-	50 - 53%	1.7 GPA	
F	0 - 49%	0 GPA	Failure - no credit
I		0 GPA	Incomplete*

### Grading Scale - Alternative

A	93 - 100%	4.0 GPA	Excellent
A-	90 - 92%	3.7 GPA	
B+	87 - 89%	3.3 GPA	
B	83 - 86%	3.0 GPA	Above Average
B-	80 - 82%	2.7 GPA	
C+	75 - 79%	2.3 GPA	
C	65 - 74%	2.0 GPA	Average
C-	60 - 64%	1.7 GPA	
D+	57 - 59%	1.3 GPA	
D	53 - 56%	1.0 GPA	Below Average
D-	50 - 52%	0.7 GPA	
F	0 - 49%	0 GPA	Failure - no credit
I		0 GPA	Incomplete*

This grading scale is used in the following classes: Biology, Chemistry, Consumer Math, Geometry and Physical Science.

**\*All work for incompletes must be made up by the 9 week, mid-term during the following grading period. Any grade of incomplete not changed by this time automatically becomes an "F".**

# Class Descriptions

## Business

### Economics

*Economics* introduces the student to basic economic terminology and to the everyday application of basic economic principles which influences the daily lives of Americans. Specific attention is given to consumer spending, borrowing, saving and investing.

Credit:	.5 Carnegie Unit
Duration:	1 Semester Course
Approval:	A-G

### Honors Economics

*Honors Economics* demonstrates how economic principles influence the daily lives of Americans with specific attention given to consumer spending, borrowing, saving and investing. This course also emphasizes the study of how individuals and societies make decisions about the use of national resources, labor, time and money focusing on micro- and macroeconomics.

Credit:	.5 Carnegie Unit (graded on a 5-point scale)
Duration:	1 Semester Course
Approval:	A-G

## English

### English I

*English I* has six different but related emphases. The course of study will include an introduction to expository speaking, an understanding and use of grammar and mechanics of English as well as an exploration of classical vocabulary roots, a focus on reasoning as relates to critical reading and writing, and an introduction to the forms of literature and writing about them. The students will be introduced to the structure of the essay, starting with the paragraph and working toward the full essay. The research process will include both the Internet and materials in the library.

Credit:	1 Carnegie Unit
Duration:	1 Year Course
Approval:	A-G

## English II

*English II* builds on the skills already learned. Students will cover literature genres such as short stories, poetry, novels, dramas and nonfiction. Continued emphasis on the mechanics of writing and vocabulary growth as well as increasing skills in rhetorical effectiveness define the growth in expression for the student. Additional practice using the internet and library to research ideas for presentation will be provided.

**Credit:** 1 Carnegie Unit  
**Duration:** 1 Year Course  
**Approval:** A-G

## English III

*English III* continues to develop the student's ability to comprehend and appreciate all forms of literature. Students will dive into American Literature genres such as short stories, poetry, novels, dramas and nonfiction with the intention of improving their ability to communicate ideas effectively. Additional practice using the internet and library to research ideas for presentation will be provided.

**Credit:** 1 Carnegie Unit  
**Duration:** 1 Year Course  
**Approval:** A-G

## English IV

*English IV* continues to develop the student's ability to comprehend and appreciate all forms of literature in the form of short stories, poetry, novels, dramas, and nonfiction. Continued emphasis on the mechanics of writing and vocabulary growth as well as increasing skills in written and oral rhetorical effectiveness define the growth in expression for the student. Additional practice using the internet and library to research ideas for presentation will be provided.

**Credit:** 1 Carnegie Unit  
**Duration:** 1 Year Course  
**Approval:** A-G

## Honors English IV

*Honors English IV* continues to develop the student's ability to comprehend and appreciate all forms of literature in the form of short stories, poetry, novels, dramas, and nonfiction with an emphasis being placed on collegiate skills on the mechanics of writing and vocabulary growth as well as increasing skills in written and oral rhetorical effectiveness. This class covers more literature pieces and dives deeper in analyzing these pieces. Additional practice using the internet and library to research ideas for presentation will be provided.

**Credit:** 1 Carnegie Unit  
**Duration:** 1 Year Course  
**Approval:** A-G

## Yearbook

*Yearbook* is a class for students to develop the yearbook. Students will learn and put into immediate practice: photography guidelines, color and design, layout, interview techniques, captioning pictures, short article writing, publishing, and fundraising. Ownership of a digital camera is recommended, but not required.

**Credit:** .5 Carnegie Unit  
**Duration:** 1 Year Course

## Fine Arts

### Art

*Art* is an elective course which will fulfill the Fine Arts requirements. This class combines artistic perception, creative expression, historical and cultural context, aesthetic valuing as well as application. Students will learn the basic elements of design theory and will have the opportunity to showcase their work.

**Credit:** .5 Carnegie Unit  
**Duration:** 1 Year Course

### Graphic Design

*Graphic Design* teaches students the principles of great design and typography while using Adobe design software to create digital drawings, logos, advertisements, magazine layouts, and more.

**Credit:** .5 Carnegie Unit  
**Duration:** 1 Year Course

### Concert Band

*Concert Band* dives into learning both sacred and secular music in a variety of performance opportunities. Objectives for students in concert band include development of correct technique on the instrument, tone quality, sight-reading ability, musicianship, and appreciation of a wide variety of musical styles.

**Credit:** .5 Carnegie Unit  
**Duration:** 1 Year Course  
**Approval:** A-G



## Concert Choir

*Concert Choir* experiences many different styles of music. Performances include both sacred and secular music. Objectives for students enrolled in choir include correct vocal technique, clear diction, improved ability to read music, and appreciation of a wide variety of musical styles.

**Credit:** .5 Carnegie Unit  
**Duration:** 1 Year Course  
**Approval:** A-G

## Maverici

*Maverici* is the select choir, formed from the members of our Concert Choir, which requires concurrent membership. This choir aims to extend technique, knowledge, and appreciation to a variety of musical styles and genres. Students are given the opportunity to travel more frequently and grow their performance skills in a variety of scenarios.

**Credit:** .5 Carnegie Unit  
**Duration:** 1 Year Course

## Handbell Ensemble

*Handbell Ensemble* allows students to experience the excitement of handbell ringing in a high school environment. The class is formed from members of our Concert Band. This ensemble aims to extend technique, knowledge, and appreciation of a variety of genres and musical styles. This ensemble will travel more frequently and bless area churches with the joys of music.

**Credit:** .5 Carnegie Unit  
**Duration:** 1 Year Course

# Health

## Health

*Health* class offers an introduction to the structure and function of the human body, disease and public health concerns, and the importance of lifestyle and exercise to health and longevity.

**Credit:** .5 Carnegie Unit  
**Duration:** 1 Semester Course

# Mathematics

## Algebra I

*Algebra I* includes a study of functions, set theory, positive and negative numbers, equations and inequalities, factoring, graphing, radicals and quadratics with problem-solving and applications emphasized throughout the course. The use of a graphing calculator is encouraged. Adequate scores on algebraic aptitude test or past teacher recommendation needed for enrollment in this class.

<b>Credit:</b>	1 Carnegie Unit
<b>Duration:</b>	1 Year Course
<b>Approval:</b>	A-G

## Algebra II

*Algebra II* includes advanced algebra, extending knowledge of functions, graphing, sequences, and series. The college-bound student or one who is headed for scientific and technical fields will find Algebra II useful. A graphing calculator is required. Must have passed Algebra I with a grade of C or better.

<b>Credit:</b>	1 Carnegie Unit
<b>Duration:</b>	1 Year Course
<b>Approval:</b>	A-G

## Consumer Mathematics

*Consumer Math* covers consumer education, advertising, credit analysis, buying a car and other major purchases, filling out tax forms, budgeting, banking, saving and all aspects of personal and business life requiring mathematical skills.

<b>Credit:</b>	1 Carnegie Unit
<b>Duration:</b>	1 Year Course

## Geometry

*Geometry* is a college-preparatory course which includes a study of mathematical logic and its application to geometric figures. This course emphasizes plane geometry and addresses deductive and inductive reasoning, ratio and proportion, congruence and similarity, algebraic applications to geometric figures, and coordinate geometry.  
Prerequisites: Algebra I with a grade of C or better.

<b>Credit:</b>	1 Carnegie Unit
<b>Duration:</b>	1 Year Course
<b>Approval:</b>	A-G

## Pre-Calculus

*Pre-Calculus* is an in-depth study of functions, graphs, trigonometry, data analysis, limits and an introduction of calculus. The college-bound student or one who is headed for scientific and technical fields will find Pre-Calculus useful. This course will enable a student to go directly into Calculus I. A graphing calculator is required. Must have completed Algebra II before enrolling in this course.

Credit:	1 Carnegie Unit
Duration:	1 Year Course
Approval:	A-G

## Modern Language

### Spanish I

*Spanish I* is a class designed to acquaint the student with the basics of the Spanish language. Grammar, vocabulary, reading, writing, and audio comprehension are emphasized, Cultural analysis of Latin America and comparative linguistics (using English grammatical structure to compare Spanish structure) are also important areas covered in this initial year of language study.

Credit:	1 Carnegie Unit
Duration:	1 Year Course
Approval:	A-G

### Spanish II

*Spanish II* is a continuation of the grammar, vocabulary, reading, writing, and audio comprehension begun in Spanish I. In addition, there is an emphasis on the development of reading comprehension and a concentrated effort on teaching the student to converse using the target language. Cultural analysis and appreciation for cultural diversity is integrated into the curriculum to give students a broader world view and a respect for other cultures and individuals. Must have completed Spanish I or pass the Spanish placement exam to enroll in this course.

Credit:	1 Carnegie Unit
Duration:	1 Year Course
Approval:	A-G

## English Language Learner

*ELL* is for international students who attend CVCA and need to strengthen their English language skills. Students focus on all language skills – reading, writing, speaking, and listening to develop a better understanding and use of the English language.

Credit: 1 Carnegie Unit  
Duration: 1 Year Course

## Practical Arts

### Auto Mechanics

*Auto Mechanics* is an introductory class consisting of learning the fundamentals. Topics include shop safety and shop practices, hand tool instructions, equipment operating instructions, hazardous wastes handling and disposal, career awareness, consumer awareness, and the operating principles of all major components of the automobile including the engine, transmission, drive lines, differentials, steering, brakes, suspensions, etc.

Credit: .5 Carnegie Units  
Duration: 1 Semester Course

### Home Economics

*Home Economics* is a life skills course that introduces students to the fundamentals of cooking, cleaning, sewing, gardening, personal finance, home repair, and other relevant skills for independent living. The class is project based and is open to students of all grade levels.

Credit: .5 Carnegie Units  
Duration: 1 Year Course

# Physical Education

## Physical Education

*Physical Education* consists primarily of these seven areas: Fundamental Fitness, Organic Development, Neuromuscular Development, Social Development, Spiritual Growth, Safety Awareness and Good Hygiene Practice. These goals are achieved through daily calisthenics and a wide variety of team, dual and individual sports. Fitness levels will be tested each semester. Special emphasis will be placed on carry-over values that will help students in their post-high school years.

**Credit:** 1 Carnegie Unit  
**Duration:** 1 Year Course

## Gymnastics I

*Gymnastics I* is designed for students who are new to the sport of Gymnastics. Students will first develop a core set of muscles which will aid in learning the beginning skills of gymnastics. The following are goals and objectives for this course.

- Develop an organically fit body .
- Develop motor fitness and an increased awareness of the God-given body processes.
- Develop optimum mental health and happiness through gymnastics activities.
- Develop an interest in and an awareness of the need for life-long involvement in physical activities.

**Credit:** 1 Carnegie Unit  
**Duration:** 1 Year Course

## Gymnastics II

*Gymnastics II* is designed for students who have taken Gymnastics I or who have had training in the sport of gymnastics prior to this class. Students will continue to develop a core set of muscles which will aid in learning the intermediate and advanced skills of gymnastics. The following are goals and objectives for Gymnastics II.

- Develop the strength needed to attempt and master Intermediate gymnastics skills
- Develop motor fitness that can be utilized in higher level gymnastics skills.
- Develop optimum mental health and happiness through gymnastics activities.
- Develop an interest in and an awareness of the need for life-long involvement in physical activities.

**Credit:** 1 Carnegie Unit  
**Duration:** 1 Year Course

# Religion

## Religion I

*Religion I* focuses on the study of God's existence and His character. The following areas of study will include:

- God's existence, His character, and how to have a relationship with Him
- God's response to sin through the gift of Christ as seen through Christ's birth, life, death, and resurrection
- God's gift of this world through creation and God's gift of the Sabbath
- God's gift of grace as seen in the Old Testament and understanding our identity in God's eyes

Credit: 1 Carnegie Unit

Duration: 1 Year Course

## Religion II

*Religion II* looks at God's relationship with His people, including in the life of Christ and the early Church. The four areas of study include:

- The relationship of God with His people, particularly as seen through the stories of Hosea and David
- The teachings of Jesus
- The early Christian church
- Living a life in Christ

Credit: 1 Carnegie Unit

Duration: 1 Year Course

## Religion III

*Religion III* concentrates on the development of scripture and its major prophetic narratives. The main areas of study include:

- The origin and development of the Bible
- God's involvement in history as seen in the prophecies and experiences of Daniel
- Christ as our hero as understood through the book of Revelation
- God as our guide as seen through the development of the Seventh-day Adventist church

Credit: 1 Carnegie Unit

Duration: 1 Year Course

## Religion IV

*Religion IV* explores world religions as well as spiritual and personal development in the following areas of study:

- World religions and the fundamental beliefs of Seventh-day Adventists
- Worldviews and our personal response to God
- The dynamics of relational and life skills
- The Gospel of John and practices of a personal devotional life

**Credit:** 1 Carnegie Unit  
**Duration:** 1 Year Course

## Science

### Physical Science

*Physical Science* provides the student with an introduction to the earth and physical sciences. Topics of study include geology, meteorology, oceanography, astronomy, fundamentals of chemistry and physics, and electronics.

**Credit:** 1 Carnegie Unit  
**Duration:** 1 Year Course

### Biology

*Biology* is a college-preparatory laboratory science which presents an introduction to a variety of biological principles and to the methods and techniques of science. Included are the fundamentals of cellular biology, genetics, ecology, taxonomy, and microbiology and a survey of the kingdoms of organisms. Field trips and projects provide hands-on experiences with organisms and ecosystems that support and reinforce the premise that the natural world is the result of design and creation. This is a laboratory course and labs will meet outside of regular scheduled class times.

**Credit:** 1 Carnegie Unit  
**Duration:** 1 Year Course  
**Approval:** A-G

## Chemistry

*Chemistry* is a college-preparatory laboratory science covering the principles of chemistry, including atomic structure, the periodic table, bonding, chemical names and formulas, chemical equations, gas laws, chemical kinetics, equilibrium, acids and bases, oxidation and reduction, and electrochemistry. This is a laboratory course and labs will meet outside of regular scheduled class times. Completion of Algebra I with a grade of a C or better (concurrent enrollment in Algebra II recommended) before enrolling in Chemistry is required.

<b>Credit:</b>	1 Carnegie Unit
<b>Duration:</b>	1 Year Course
<b>Approval:</b>	A-G

## Physics

*Physics* is a study of the order in the physical universe with an emphasis on a conceptual understanding of the laws that rule the universe. The major topics covered are mechanics, heat, light, sound and electricity. This is a laboratory course and labs will meet outside of regular scheduled class times. Completion of Algebra I is required before enrolling in Physics.

<b>Credit:</b>	1 Carnegie Unit
<b>Duration:</b>	1 Year Course
<b>Approval:</b>	A-G

## Social Science

### Honors US Government

*Honors US Government* includes the integration of literature, government, and economics with an emphasis being placed on collegiate skills such as critical thinking, reading and discussion. Students will participate individually and in cooperative groups on projects that develop writing, speaking, listening, and teamwork skills. Texts may include: The Constitution, Federalist Papers, Federal legislation, Brown v. Board of Education, Inaugural speeches, and political memoirs.

<b>Credit:</b>	1 Carnegie Unit
<b>Duration:</b>	1 Year Course
<b>Approval:</b>	A-G



## US Government

*US Government* is designed to acquaint students with the basic form of the American federal system. A historical perspective combined with a current analysis of the federal system is at the heart of the class. Students are encouraged to discover for themselves what liberty and democracy really are. An emphasis is placed on the constitution as the basis for American government, responsibilities of the national and state governments, and the duties of a responsible citizen. Finally, the exploration of the basic concepts of the separation of church and state are covered.

Credit:	1 Carnegie Unit
Duration:	1 Year Course
Approval:	A-G

## US History

*US History* is designed to acquaint each student with certain ideas, functions and attitudes that Americans have today, as well as to learn where these particular attitudes came from. An emphasis is placed on the study of past civilizations and then is specifically concentrated on the 200 years of US History and its relationship to world history. Also included is the study of geography, key people and key events, governmental concepts, analysis of "block" periods of American history, and the role of Seventh-day Adventists in US History.

Credit:	1 Carnegie Unit
Duration:	1 Year Course
Approval:	A-G

## World History

*World History* is an examination of civilization and its development from ancient times to the 21st Century. This course identifies how geography, society, government and religion influence peoples and their cultures.

Credit:	1 Carnegie Unit
Duration:	1 Year Course
Approval:	A-G

# Technology

## Basic CAD

*Basic CAD* introduces students to Computer-Aided Design (CAD) and careers that use CAD. Students learn about 2-dimensional and 3-dimensional drawing related to architecture using AutoCAD software. They also explore other 3D software like Sketchup, 123D Design, and TinkerCAD. A final study includes design as it relates to 3D printing with the opportunity to print several projects. A semester of Keyboarding with a grade of C or better or permission of the instructor is required before enrolling in Basic CAD.

**Credit:** .5 Carnegie Unit  
**Duration:** 1 Semester Course

## Computer Applications

*Computer Applications* prepares students to interact with a modern world of computer software. The primary goal of this course is to become familiar with the Microsoft Office Suite, as well as mastering the skill of typing. Secondary digital resources that benefit the modern student will also be explored and learned as available.

**Credit:** .5 Carnegie Unit  
**Duration:** 1 Semester Course

## Robotics

*Robotics* introduces students to programming and robots, their functions as well as input and output capabilities by using the FTC (First Tech Challenge) rules and competition as a base and motivation.

Topics include (but are not limited to):

- History of robots
- What is a microcontroller?
- Careers in engineering
- Electronic basics
- Sending signals
- Reading sensors
- Measuring light
- Controlling a motor
- LED display data
- Robotic navigation by touch and light
- Blocks programming and logic functions

**Credit:** 1 Carnegie Unit  
**Duration:** 1 Year Course