

HIGH SCHOOL ADVANCED PLACEMENT COURSES

COVENANT CHRISTIAN ACADEMY

English	Mathematics	Social Studies	Technology
AP English Language and Composition	AP Calculus AB	AP United States Government and Politics	AP Computer Science A
AP English Literature and Composition		AP United States History	

**Additional AP courses are available online through various providers. The cost of online courses is not covered by tuition.*

Course Weighting

Advanced Placement (AP) courses are advanced by design. The goal of these courses is to expose students to college level work. As a result, the final course grade for all AP level courses will be weighted on a 5.0 grading scale. For example, an “A” in college preparatory US History would receive 4.0 quality points while an “A” in AP US History would receive a +1 quality point bonus, which would result in a 5.0. AP courses are electives and are not required for graduation.

Detailed Course Descriptions

AP CALCULUS AB (High School Credit = 1.0)

Prerequisites: Precalculus

This course is roughly equivalent to a first semester college calculus course devoted to topics in differential and integral calculus. The AP course covers topics in these areas, including concepts and skills of limits, derivatives, definite integrals, and the Fundamental Theorem of Calculus. The course teaches students to approach calculus concepts and problems when they are represented graphically, numerically, analytically, and verbally, and to make connections amongst these representations. Students learn how to use technology to help solve problems, experiment, interpret results, and support conclusions.

AP COMPUTER SCIENCE A (High School Credit = 1.0)

Prerequisites: Algebra II

The AP Computer Science A course is equivalent to the first semester of a college level computer science course. The course involves developing the skills to write programs or part of programs to correctly solve specific problems. AP Computer Science A also emphasizes the design issues that make programs understandable, adaptable, and when appropriate, reusable. At the same time, the development of useful computer programs and classes is used as a context for introducing other important concepts in computer science, including the development and analysis of algorithms, the development and use of fundamental data structures, and the study of standard algorithms and typical applications. In addition an understanding of the basic hardware and software components of computer systems and the responsible use of these systems are integral parts of the course.

HIGH SCHOOL ADVANCED PLACEMENT COURSES

COVENANT CHRISTIAN ACADEMY

AP ENGLISH LANGUAGE AND COMPOSITION (High School Credit = 1.0)

The AP Language and Composition course will provide high school students with college level instruction in studying and writing various kinds of analytic or persuasive essays on literary and nonliterary topics in language, rhetoric and expository writing. Students will become skilled readers of prose written in various periods, disciplines, and rhetorical contexts. Both their reading and writing should make students aware of the interactions among a writer's purposes, audience expectations, and subjects as well as the way writing conventions and language contribute to effectiveness in writing. This course will effectively prepare students for the AP Exam by enabling them to read, comprehend, and write about complex texts, while developing further communication skills on a college level.

AP ENGLISH LITERATURE AND COMPOSITION (High School Credit = 1.0)

The AP English Literature and Composition course aligns to an introductory college-level literary analysis course. The course engages students in the close reading and critical analysis of imaginative literature to deepen their understanding of the ways writers use language to provide both meaning and pleasure. As they read, students consider a work's structure, style, and themes, as well as its use of figurative language, imagery, symbolism, and tone. Writing assignments include expository, analytical, and argumentative essays that require students to analyze and interpret literary works. This course will effectively prepare students for the AP Exam by enabling them to read, comprehend, and write about complex texts, while developing further communication skills on a college level.

AP US GOVERNMENT & POLITICS (High School Credit = 0.5)

Prerequisites: US History

Study the key concepts and institutions of the political system and culture of the United States. The class will read, analyze, and discuss the U.S. Constitution and other documents as well as complete a research or applied civics project. This course will effectively prepare students for the AP Exam.

AP US HISTORY (High School Credit = 1.0)

The study of history provides us with an opportunity to see God's hand in our story. AP United States History will guide students through exploration, investigation, and evaluation of the story of the United States. They will discover that history isn't a mere collection of information about the past. It's a dynamic story of how the present world came to be, shifting and reshaping as new details and evidence are revealed. It is an opportunity to evaluate the beliefs and philosophies of those who have shaped history against the truth and guidelines of God's Word. It is also an instrument to explore decisions and the outcomes of those decisions as we apply those lessons to our time. The course is designed to mirror a college-level survey course in U.S. history and uses a college-level text. While the textbook comes from a particular political perspective, peer and instructor discussions will focus on alternative interpretations of history as well as the development of skills to evaluate history from a biblical perspective. At the completion of this course, the student will be equipped to not only pass the AP exam, but also to understand their role in the world as they live out the next chapter of the story.