



AP CLASS PICTURES



Mr. Branton's AP Chemistry

AP Chemistry

Chemistry is a branch of science and refers to the identification of the substances of which matter is composed of. This course investigates the properties of matter and the way they change, the reaction they have with each other, and the study of the processes that the matter composes. AP Chemistry arranges students with a foundation to support

future courses that are advanced, in the field of chemistry. Students elevate their understanding of chemistry and the practice of science as they study subjects like these provided in the AP Chemistry course: kinetics, atomic structures, inter-molecular forces, and much more. Big ideas in this course include

theories, principles, and procedures, and students can still relate world observations. Twenty five percent of the time, the students are involved in laboratory investigations and hands-on labs. To be able to take this course, students must have finished a chemistry class at their high school and have taken Algebra II.



Mrs. Aguilar's AP Spanish Literature & Culture

AP Spanish Literature & Culture

The AP Spanish Literature and Culture course uses a thematic approach to introduce students to representative texts such as short stories, novels, poetry, and essays from Peninsular Spanish, Latin American, and United States Hispanic literature. Students develop proficiencies

across the full range of communication modes while honing their critical reading and analytical writing skills. Literature is examined within the context of its time and place and students reflect on the many voices and cultures present in the required readings. The course also includes a

strong focus on cultural connections and comparisons, including exploration of various media such as art, film, articles, literary criticism.



Mr. Faucett's AP Environmental Science

AP Environmental Science

AP Environmental Science is one of the several AP science courses offered at CCHS. It provides a practical but challenging learning opportunity where students can experience and better understand

the world around them. Students are able to learn through unique tasks like lab investigations and hands-on observations. It also provides a substantial awareness on man-made and natural

environmental issues, which can encourage sustainability of our resources and motivate students to pursue a field concerning environmental issues.

AP CLASS PICTURES



Mrs. Carr's AP Biology



Mrs. Cook's AP Calculus



Mrs. Hiers' AP Spanish Language & Culture

AP Biology

The Advanced Placement Biology course is a way of introducing students to college-level biology. This course focuses on exploring evolution, cellular processes, energy and communication,

genetics, information transfer, ecology, and interactions through inquiry-based investigations. This hands-on laboratory work takes up twenty-five percent of instructional time. To be eligible to be in this class, students

must have successfully completed high school level biology and chemistry.

AP Calculus AB/BC

Advanced Placement (AP) Calculus is split into two different courses, Calculus AB & Calculus BC. Calculus BC is an extension off of Calculus AB, and Calculus AB devotes most of its time to differential and integral calculus while introducing few elementary functions. Calculus BC goes over everything taught in Calculus AB as well as

studying topics not available in Calculus AB. Calculus BC focuses on single variables as well as additional challenging topics, neither course is separated by their level of difficulty. Both courses need a similar depth of understanding for common topics introduced in both classes and go over real world problems involving skills taught in

class. Much like any AP course, Calculus AB and BC focus on college-level mathematics and are accepted as college credit by most but not all colleges, depending on the exam score.

AP Spanish Language & Culture

AP Spanish Language and Culture is a higher level of Spanish; it's compared to an intermediate or advanced low level college or university Spanish language course. This course is for students who are native Spanish speakers; they develop the ability to understand audio,

audio-visual and written sources without using a dictionary. Students will also learn to engage in two-way conversations in Spanish using communication strategies, write and present their view points and develop arguments and express themselves by describing and narrating in Spanish.

These students understand the importance of cultural products, practices, and perspectives from around the Spanish-Speaking world, and make connections with the ones in our community.

AP English Language and Composition

AP English Language and Composition was created to help students become skilled readers and writers by studying different texts. This course strengthens

students' writing by applying rhetorical strategies, analyzing sources, and writing arguments. Students become critical readers

of non-fiction writings, personal texts and other types of literature from different writers and time periods.



Mrs. Ballard's AP English Language and Composition

AP Macro and Micro Economics

The AP Program offers two courses in economics: AP Macroeconomics and AP Microeconomics. Each course is one semester.

AP Macroeconomics is an introductory college-level course focusing on the principles that apply to an economic system as a whole. The course emphasizes the study of national income and price-level determination; it also develops students' familiarity with economic performance measures, the financial sector,

stabilization policies, economic growth, and international economics. In AP Macroeconomics, students learn to use graphs, charts, and data to analyze, describe, and explain economic concepts.

Students at CCHS who are enrolled in AP Macroeconomics typically take AP Microeconomics second semester. The second course focuses on the principles of

economics that apply to the functions of individual decision-makers, both consumers and producers, within the economic system.

Prerequisites: There are no prerequisites for AP Macroeconomics or AP Microeconomics. Students should be able to read a college-level textbook and should possess basic mathematics and graphing skills.

AP CLASS PICTURES



Mr. Edward's AP English Language and Composition



Mrs. King's AP Macro Economics

AP Statistics

The AP Statistics course explores the calculations and real world application of data. If a student passes the course and the AP test, they can potentially receive credit for one semester of college math. The course introduces students to the major concepts and tools for collecting, analyzing,

and drawing conclusions from data. There are four themes in the AP Statistics course: exploring data, sampling and experimentation, anticipating patterns, and statistical inference. Students use

technology, investigations, problem solving, and writing as they build conceptual understanding.

Prerequisite: Students must have taken second-year algebra before enrolling in AP Statistics.

AP CLASS PICTURES



2nd period demonstrating a symmetric distribution



3rd period demonstrating a right skewed distribution



6th period posing in the shape of the symbol for standard deviation (the lower case Greek letter sigma)

Mr. Pitchford's AP Statistics

AP CLASS PICTURES



Mr. Waite's AP English Literature
and Composition



Mrs. Burnette's AP European
History

AP English Literature and Composition

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 will 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.

AP European History

AP European History course focuses on the investigation of key cultural, economic, political and social developments from approximately 1450 to the present. These focus areas provide context for understanding the development of

contemporary institutions, the role of continuity and change in present-day society and politics, and the evolution of current forms of artistic expression and intellectual discourse.

Prerequisite: There are no prerequisites for AP European History. Students should be able to read a college-level textbook and write grammatically correct, complete sentences.

AP CLASS PICTURES



Mr. Hurst's AP Physics 1 & C



Mrs. Adam's AP United States History

AP Physics AB/C

Physics is the study of mass, physical objects, and the relations between physical objects and forces that act upon those objects. At CCHS we offer two years' worth of AP Physics. First you must complete AP A/B, which is currently one class that takes up two class periods, and the next year you have the option of taking AP

Physics C, which is just one class period.

Physics A/B is the beginner's course but it is very difficult. If you take this course you are going to want to brush up on your math skills, particularly in trigonometry. There is a prerequisite that students should have completed geometry and be concurrently taking Algebra II or an equivalent

course. In order to take AP Physics C, you must have taken Physics A/B.

AP United States History

AP U.S. History focuses on the development of historical thinking skills and an understanding of content learning objectives organized around seven themes, such as identity,

peopling, and America in the world. The AP U.S. History course expands on the history of the Americas from 1491 to 1607 and from 1980 to the present. It also allows teachers flexibility across

nine different periods of U.S. history to teach topics of their choice in depth.