

Benefits of the AP Program

AP provides students the opportunity to take university-level classes while still in high school.

AP courses develop college level academic skills by digging deeper into subjects, requiring students to hone their time management and study skills while tapping into their creativity and problem-solving skills.

College credit is awarded if the student passes the AP exam with a 3 or higher.

AP credits are accepted internationally. Always check with potential colleges prior to taking classes.

AP courses stand out in the college admission process because they demonstrate academic rigor.

AP Scholar Granted to students who receive scores of 3 or higher on three or more AP Exams.

AP Seminar and Research Certificate is granted to students who earn scores of 3 or higher in both AP Seminar and AP Research.

AP Capstone Diploma is awarded to student who earn scores of 3 or higher in AP Seminar and AP research and four additional AP exams of their choosing.

AP Offers additional quality points in the weighted GPA

Passing score on AP US History or AP Government exam may be used to meet the new Civics graduation requirement.

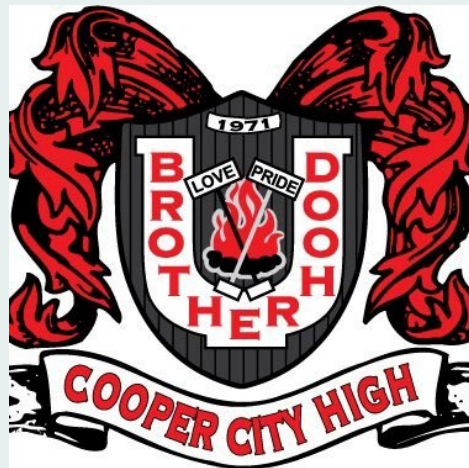
AP Prepares students for College!



Cooper City High School

9401 Stirling Rd
Cooper City, FL 33328
(754) 323-0200

Colors: Black, White, Red
Established: 1971
Mascot: Cowboy Pete
Motto: "Home of the Cowboys"



Mrs. Vera Perkovic
Principal

Cooper City High School
Excellence. Tradition. Pride.
Twitter: [@Principal_CCHS](https://twitter.com/Principal_CCHS)



Cooper City High School

A Tradition of Excellence

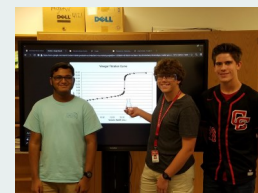
AP Information Night



AP Chemistry

Presented by Ms. Kelly Agnew

Kelly.agnew@browardschools.com





AP Chemistry

About the Course

Learn about the fundamental concepts of chemistry including structure and states of matter, intermolecular forces, and reactions. You'll do hands-on lab investigations and use chemical calculations to solve problems.

Equivalency

A one-year, introductory college general chemistry course

Recommended Prerequisites

Chemistry I H I and Algebra II H
Grade of B or better

Majors Requiring Chemistry

Biochemistry – Biology – Biomedical Engineering – Biotechnology- Chemical Engineering- Computer Software Engineering- Electrical Engineering- Food Science- Forensic Science- Industrial Engineering- Marine Science- Mechanical Engineering- Neuroscience-Premedicine-Predenistry- Prenursing

Course Content

- ◇ Atomic Structure and Periodicity
- ◇ Molecular and Ionic Compound Structure and Properties
- ◇ Intermolecular Forces and Properties
- ◇ Chemical Reactions
- ◇ Kinetics
- ◇ Thermodynamics
- ◇ Equilibrium
- ◇ Acids and Bases
- ◇ Applications of Thermochemistry

Exam Overview

The AP Chemistry Exam will test your understanding of the scientific concepts covered in the course units, as well as your ability to design and describe chemical experiments.

A scientific or graphing calculator is recommended for use on Section 2 of the exam, and you will be provided with a periodic table and a formula sheet that lists specific and relevant formulas for use on the exam.

Exam Duration

3hrs 15mins

Skills You'll Learn

- ◇ Design experiments
- ◇ Creating graphs, diagrams, models
- ◇ Explain how the microscopic structure of a substance determines its chemical properties
- ◇ Making a scientific claim and supporting it with evidence

AP Resources and Supports

AP Classroom

Is a dedicated online platform designed to support teachers and students throughout their AP experience. The platform provides a variety of powerful resources and tools to provide yearlong support and enable students to receive meaningful feedback on their progress.

PERSONAL PROGRESS CHECKS

Formative AP questions for every unit provide feedback to students on the areas where they need to focus. Available online, Personal Progress Checks measure knowledge and skills through multiple-choice questions with rationales to explain correct and incorrect answers, and free-response questions with scoring information.

AP DAILY VIDEOS

AP Daily is a series of on-demand, short videos—created by expert AP teachers and faculty. These videos cover every topic and skill outlined in the AP Course and are available in AP Classroom for students to watch anytime, anywhere.