

AP Chemistry

This college-equivalent course begins by allowing students to extend their understanding of Chemistry I concepts and skills, including significant figures, atoms, moles, chemical reactions and gases. The remainder of the year allows for an in depth investigation of chemical topics including thermochemistry, bonding, kinetics, equilibrium and electrochemistry. An understanding of chemistry through mathematical formulas and particle modeling is emphasized. Through extensive laboratory work and mathematical analysis, students develop important laboratory skills, problem-solving techniques, research techniques and higher-order thinking skills.

High School Credits: 1

Note:

Students who enroll in AP courses must take the end-of-course AP exam. The cost of these exams is paid by ACPS.

School Level: High School

Grade: 10, 11, 12

Prerequisites:

Algebra II and Chemistry I

Co-Requisites:

AP Science Lab Seminar.

Program: Science Core Courses