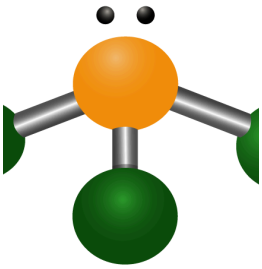
AP® Chemistry 2025.26



Instructor: Vicki Strine
Email: vicki.strine@scholarsguild.net
Extended Sessions: August 7, 2025 / December 11, 2025
Supply Fee: $125 (Due May 6, 2025)
Prerequisites: Chemistry, Algebra II, entrance exam. Students need a 3.25 GPA & obtain administrative approval for acceptance into an AP® class.
Minimum Class Size: 6

Monthly Tuition- $60 /month

(9 equal payments August-April)

Total Yearly Tuition- $540

Course Description

Advanced Placement® Chemistry is a comprehensive introductory chemistry course designed to provide students with a college-level foundation in general chemistry through lecture and laboratory courses. Students will gain insight into the molecular world through lectures, interactive activities, and inquiry-based laboratory experiments. Students will explore topics such as atomic structure, intermolecular forces and bonding, chemical reactions, kinetics, thermodynamics, and equilibrium. A secondary goal of this course is to provide students with a rigorous study of topics covered on the AP® Chemistry exam. Students will have the option to take the AP® exam and receive college credit with a passing AP® score. We expect the 2026 AP® exams will be administered during the first two full weeks of May 2026, with late testing occurring during the 3rd week of May. We will share the detailed exam calendar after the 2026 exam dates are released. A student who earns a grade of 3 or above on the exam will be granted college credit at most colleges and universities throughout the United States**. Students should research particular colleges to find out their requirements and policies regarding the granting of credit and/or placement for AP® coursework.**

AP® Chemistry is recommended for any student interested in majoring in any science, mathematics, or engineering field such as astronomy, botany, zoology, environmental science, computer science, forensics, chemical engineering, biomedical engineering, public health, nursing, physical therapy, agriculture and food science, diet and nutrition, nuclear medicine, pharmacy or psychiatry.

AP® Chemistry meets the fourth high school science requirement and is taught using the same curriculum nationwide. It counts toward the HOPE Scholarship course of rigor requirements. The course moves at a more rapid pace and involves much more student analysis and explanation of subject matter earlier on than a regular chemistry class. Although there are fewer frameworks in AP® Chemistry than regular chemistry, each framework is deeper and more involved. The AP® Chemistry curriculum pushes students to exercise critical thinking and carry out inquiry-based investigations.

Primary Course Text
· AP® Chem Solutions (digital documents provided by instructor through Google Classroom)

Additional Resources
·Links for two online (living) textbooks plus Edvantage Science Worktext (digital) will be provided by instructor. Students may use these as resources for the topics we study.

Supplies
- 3-ring binder with dividers, notebook paper, graph paper
- Lab notebook, hardcover (details provided later, approximately $20)
- Safety goggles, splash-proof
- Box of disposable nitrile gloves
- Lab apron
- Dry Erase Marker (darker color)
- Optional - colored pencils or pens (for labs)
- Optional - Post-it notes and/or tabs of various colors

Assessments
Tests 45%
Quizzes 25%
Labs 15%
Homework 10%
Practice 5%

Summer Assignments and Labs
In order to complete the required coursework, assignments for AP® Chemistry will begin mid-summer. These assignments will be sent by email and should be completed before the first day of class. Additional time at home outside of the scheduled class time will likely be required in order to complete some of the labs.

Teacher Responsibility
Class time will be used to explain concepts, go over example problems, answer questions, and perform experiments. Weekly assignments will be posted on FACTS and Google Classroom. In-class quizzes will be given for most chapters. The instructor will provide information regarding the AP® exam during the first semester for any student wishing to take the exam.

Student Responsibility
Students are to complete weekly assignments including reading the text, completing homework questions and problems, writing lab reports, and preparing for class. Students should turn in assignments on time at the beginning of class. During class, students are to attentively listen and actively participate in the class lecture, work problems, ask questions and perform experiments. As this is an AP®/college level course, the daily time spent at home will require more time than the average high school science course. Students should plan to spend 1.5-2 hours per day on chemistry assignments to keep up with the pace of the course.

Parent Responsibility

Parents are responsible for overseeing weekly assignments posted on FACTS and Google Classroom, checking homework for each chapter using the solutions manual, administering and supervising chapter tests, and monitoring student grades in FACTS.