

AP Chemistry Syllabus

Course Description:

This course is taught at the college level and is designed to prepare students to take the Advanced Placement Examination and to score high enough to earn college credit in those colleges that recognize the examination. College level textbooks are used. The course will cover all of the topics in the AP Chemistry Course Description. These include an introduction to chemistry as the study of change, gases, thermochemistry, quantum theory, chemical bonding, crystals, phase changes, solutions, chemical kinetics, chemical equilibrium, acids and bases, entropy, electrochemistry, nuclear chemistry, metallurgy, alkali and alkaline metals, nonmetallic metals, transition metals, organic chemistry, and synthetic and natural organic polymers.

Additional Materials Required:

- AP Chemistry Chang – Raymond Chang, Kenneth Goldsby – 12th Edition, 2016
 - ISBN-13: 978-0076727704
 - ISBN-10: 007672770X
- Cracking the AP Chemistry Exam, 2020 Edition
 - ISBN-13: 978-0525568186
 - ISBN-10: 0525568182
- Advanced Microchem Kit (AP Chemistry Lab Kit by Quality Science Labs)

Student-Teacher Conferences:

Office Hours. Students can schedule up to three (3) Student-Teacher Conference over the duration of the course. These meetings are optional, and attendance will not affect your grade.

To schedule an office hour with your teacher to please visit the Student Resources page on waonline.org.

Washington Academy Grading Scale:

A = 100 - 93

B = 92 - 85

C = 84 - 76

D = 75 - 70

F = 69 or less