

AP Chemistry Syllabus

RCAS Policies/Procedures

Students will be required to follow all RCAS policies and procedures. To view the RCAS High School Student Handbook, click [handbook](#).

Course Description

AP Chemistry will include laboratory work, demonstrations, discussion, and lecture dealing with the basic principles of chemistry. This class will culminate in the AP Chemistry examination which may be taken at the end of the school year at the student's expense. If students score high enough on this test, they may qualify for up to a year's worth of Chemistry from most colleges or universities.

Grading

Points will be awarded for exams, quizzes, assignments, laboratories, and projects. Points will be awarded and collected cumulatively throughout the year. Category weights will be as follows: Assessments = 50%; Labs = 30%; Assignments = 10%; Quizzes = 10%.

Textbook

Chemistry, Chang, R. & Goldsby, K, (publisher McGraw Hill Education) 12th edition - 2015

Chemistry: Atoms First 2e, Flower, Paul et al, Openstax 2nd edition - 2019

Reading

Readings will be assigned for each topic.

Instructional Resources

Canvas, AP Classroom/College Board, Khan Academy, PhET, POGIL, CK-12, and others as necessary.

Essential Questions

College Board has written a 'Course and Exam Description' pdf document with all of the essential questions (referred to in the text as **Enduring Understandings**). This can be found using the following link: [AP Chemistry Course and Exam Description](#)

Essential Learning Intentions

College Board has written a 'Course and Exam Description' pdf document with all of the essential questions (referred to in the text as **Learning Objectives**). This can be found using the following link: [AP Chemistry Course and Exam Description](#)