

AP Chemistry Information

Welcome to AP Chemistry. This can be a challenging course, but you can do it with the proper effort. If you are willing to make this effort, you will be rewarded with an increased understanding of science and nature (and possibly college credit!) You are expected to be familiar with most of the basic topics from Chemistry I when you begin the course. These include stoichiometry, writing equations, solubility rules, formulas, and mole calculations.

There will be a brief **summer work activity posted on Schoology** just prior to the beginning of school. This will be short and it is homework for the first class.

A basic outline of the course is below. You should receive a textbook at registration, but you do not need to bring this to class. We will use it mainly as a reference for work at home.

A wide variety of laboratory investigations and activities will be performed throughout the course. As a part of the course, we also participate in the American Chemical Society's Chemistry Olympiad in the spring. Approximately the final three weeks of the course will be spent reviewing and directly preparing for the AP exam. It will be administered in May of 2020. All students in the class must take this exam.

I look forward to having you in my class. Feel free to contact me if you ever have any questions. You may email me at garydubose@pickens.k12.sc.us

AP Chemistry Course Outline

First Semester:

Stoichiometry

Gases

Thermochemistry

Atomic and Molecular Structure

Liquids, Solids, and Solutions

Second Semester:

Kinetics

Equilibrium

Acid-Base Chemistry

Thermodynamics

Electrochemistry