

AP Chemistry Course Objectives

AP Chemistry is comparable to a first year general chemistry course at most colleges or universities. Students should have completed at least one year of high school chemistry prior to attempting AP Chemistry. This course is fast-paced and rigorous. Content and laboratory activities are centered around nine major units described by the College Board:

- Atomic Structure and Properties
- Molecular and Ionic Compound Structure and Properties
- Intermolecular Forces and Properties
- Chemical Reactions
- Kinetics
- Thermodynamics
- Equilibrium
- Acids and Bases
- Applications of Thermodynamics

Why a summer assignment?

We move very quickly through the content in the AP Chemistry course. You should know basic chemistry ideas and be able to work problems associated with those ideas before school begins in August. We do NOT have time to review those skills and still get through the material and labs required in the AP curriculum.

Where is the summer assignment?

There is a Canvas classroom for the AP Summer Assignment. Information and assignments will be available after May 24, 2022. If you will not have access to Canvas over the summer check with Dr. Krebs for a paper copy of the most critical information. Contact Dr. Krebs (email below) to have your name added to the class.

Be prepared for a quiz or exam on the first or second day of classes on the material covered in the summer assignment.

What if I register for the class late (in August)?

You are still responsible for the summer review material. As soon as you get this information contact Dr. Krebs to get access to the Canvas classroom. Begin reviewing polyatomic ions, names and formulas for compounds, and stoichiometry.

Questions? Need your name added to the AP Chemistry Summer Assignment Course?

Contact Dr. Krebs: anne.krebs@usd469.net or anne.krebs@lansinglions.org