

# Apologia Chemistry

Instructor: Heidi Boyer

Class Code : CHEM400

Co-teacher? Heather Klees, Lab Instructor

Class Time 12:30-1:45pm

Tuition : \$25/semester

Length of Class (1st sem/ 2nd sem/both)

Both

Materials Fee : \$75/semester (to Heather Klees for lab)

## Description:

This course is designed to be a first-year high school chemistry course in order to prepare students for a college-level course. The course covers significant figures, units, classification, the mole concept, stoichiometry, thermochemistry, thermodynamics, kinetics, acids and bases, redox reactions, solutions, atomic structure, Lewis structures, molecular geometry, the gas laws, and equilibrium. We will learn about the matter that makes up God's creation and how it changes, using the 16 Modules given in the text.

The lab component will be held at Camp Susque School of Discovery, taught by Heather Klees. Students will be given weekly reading and homework problems from the text. Quizzes and tests will be either given in class or emailed to be taken at home.

Enrollment: Min:

6

Max:

16

Pre-Requisites: Algebra 1 completed, Grades 10-12

Required Text:

*Exploring Creation With Chemistry: 2nd Edition* by Jay Wile

Additional Materials:

3-ring binder, notebook paper

## Contact Information

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