

Troy High School Course Profile

Course Title: AP Chemistry

Course Prerequisites: Refer to Registration Presentation

Course Description:

AP Chemistry is a second-year, college-level class with an emphasis on problem solving and independent lab work. It assumes a base knowledge of first-year chemistry such as nomenclature, stoichiometry, and atomic theory. It moves at a high-pace through the different areas of chemistry at a deeper level in preparation for the AP examination.

Students entering this course should already have a mastery of the following concepts and possess the following skills:

- Strong quantitative reasoning skills: students who have struggled in past honors math courses are highly likely to struggle in AP Chemistry as well
- Independence and self-responsibility: students needing outside tutoring are probably in the wrong course level
- Students should have some genuine interest/enjoyment of chemistry

Workload Expectations for this course (list typical amount of homework, projects, presentations, papers, etc.):

- 45 to 60 minutes per night of problem solving, reading, and general studying
- Assigned readings from the textbook are essential
- Lab work including lab reports