AP CHEMISTRY

PREREQUISITES

- 80% or higher in Biology
- 80% or higher in Chemistry
- 80% or higher in Algebra II
- Teacher Recommendation

COURSE DESCRIPTION

The key concepts and related content that define the AP Chemistry course and exam are organized around underlying principles called the Big Ideas. They encompass core scientific principles, theories, and processes that cut across traditional boundaries and provide a broad way of thinking about the particulate nature of matter underlying the observations students make about the physical world. Twenty-five percent of instructional time is devoted to inquiry-based laboratory investigations. Students ask questions, make observations and predictions, design experiments, analyze data, and construct arguments in a collaborative setting, where they direct and monitor their progress.

RESOURCES

College Board Course Descriptions:

AP Chemistry

TEACHER/STUDENT FEEDBACK

Time commitment:

30-60 minutes outside of the classroom, daily.

Types of work:

In-depth problem solving; intensive vocabulary; complex processing skills; ability of understand and explain theories

Students Should Know:

Firm understanding of 1st-year HS Chemistry and excellent Algebra skills. AP Chemistry is more difficult than most Freshman College Chemistry courses.

The majority of the students (86%) stated that it takes at least 4-8 hours per week to be successful in this course.

Most students reported this was the most difficult AP course compared to other AP courses they have taken. All students said that this course moves faster than other AP courses.

OTHER INFO

Both of these courses qualify as a fourth math course for graduation and for admission to the University System of Georgia.

Both of these courses qualify as a HOPE Rigor course.

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