



# AP Chemistry

## NHS Course #2110

## IB/AP Chemistry #2113



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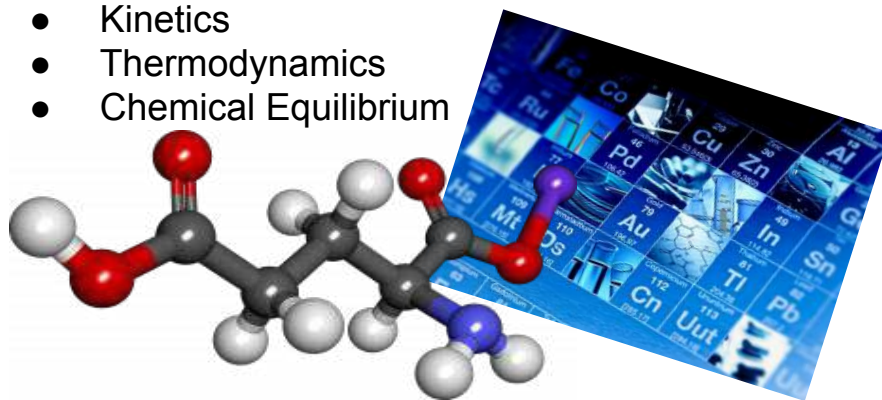
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### ABOUT

With the ever-increasing need for innovators, problem solvers, and designers of materials, pharmaceuticals, and new fuels, comes the need for individuals skilled in the science practices and knowledgeable about chemistry. The AP Chemistry course provides students with training for such knowledge and skills through guided inquiry labs, a focused curriculum on content relevant to today's problems, and an exam that assesses students' mental models of the particulate nature of matter.

### TOPICS

- Structure of Matter
- Bonding and Intermolecular Forces
- Chemical Reactions
- Kinetics
- Thermodynamics
- Chemical Equilibrium



### ELIGIBILITY

The AP Chemistry course is designed to be the equivalent of the general chemistry course usually taken during the first year of college. All students will take the Advanced Placement Examination in Chemistry in May, the fee for which is approximately \$93.00 plus a College Board Administrative Fee. Students who earn a qualifying score are typically eligible to receive college credit and potential placement in second-year work in the chemistry sequence (subject to university credit and placement policy). Colleges may require students to present their laboratory materials before granting college credit for laboratory. Students must complete a minimum of 16, hands-on lab investigations and at least six must be guided-inquiry.

Prerequisites: Living Environment R or SI, Chemistry R or SI, and recommendation of science faculty.

