

AP Chemistry

CLASS SYLLABUS

Main Topics:

Atomic Theory & Structure, Chemical Equations and Reactions, Predicting Equations, Gas Laws, Liquids & Solids, Radioactivity, The Periodic Table, Chemical Bonding, Energy Changes, Nuclear Chemistry, Thermodynamics, Chemical Kinetics, Equilibrium, Acids & Bases, and Electrochemistry.

Class Supplies:

A scientific calculator are required. **Graphing Calculators in which information may be stored are NOT allowed during exams.** Note: most of the AP exam is taken without the use of any calculator at all.

Behavior:

As in other classes, finish your food and drinks before entering the classroom. Be courteous to others especially about listening when someone else is speaking. Treat others with the respect you expect to be treated with.

Due to the extended nature of AP Chemistry laboratory periods, Food will be allowed during the lecture portion of laboratory sessions. Extra responsibility must be taken for safety and room cleanliness.

Attendance:

Attendance in class is **extremely** important since much of what occurs in class is hands-on and cannot be duplicated upon your return. It is your responsibility to find out what you have missed and to make up any missed work. The instructors are available at lunch to discuss missed assignments.

AP chemistry students are routinely those students who are school leaders and have many involvements. Make arrangements early to avoid missed assignments. Attendance on test days are especially important. Testing procedures will be discussed in class.

After hours laboratory schedules TBA.

Academic Honesty:

The teacher will do what he can to see that the grade represents the work actually done by the student. During tests and quizzes, it is the student's responsibility to BE innocent and to LOOK innocent. Be especially careful of talking at the end of the period. Behavior that APPEARS to be helping on a test will cause your test to be collected and marked zero.

Homework:

To be successful in science, it is important to apply what you learn and to practice independently. These goals are achieved by completing homework. You are encouraged to help each other with your work, but not to simply copy another's work. You must individually work and think to learn the skills and information needed. ***No late work will be accepted*** (except due to absence or emergency).

Laboratory Activities:

Most lab experiments are performed in pairs. Each person in the group is responsible for obtaining a copy of the data on the day of the lab. ***Each person turns in a lab write-up.***

Grading:

Approximate point values are

Tests	(30 - 60 points)
Quizzes	(5 - 20 points)
Labs/Experiments	(10 - 20 points)
Homework	(5 - 20 points)
Final Exam	(up to 20% of the grade)

The grading scale is...

A = 90.0 - 100 %	Some extra credit (maximum of 1% of the points) may be available during the semester.
B = 78.0 - 89.9%	
C = 66.0 - 77.9%	
D = 50.0 - 65.9%	

*The final exam covers the **entire year** and is taken as soon after the AP exam as is workable.*