



Andover High School

AP Chemistry

Course Syllabus



INSTRUCTOR INFORMATION

Instructor Name: Mr. Base
Class Location: Room 610
Phone: 218-4600 Ext. 31610
E-Mail: based@usd385.org

COURSE INFORMATION

Prerequisite: Successful completion of either Chemistry or Honors Chemistry.

Course Description: The Advanced Placement Chemistry course is designed to be the equivalent of the first year course at the university level. In addition to covering topics from chemistry/honors chemistry in more depth additional topics will include thermodynamics, kinetics, electrochemistry, and nuclear chemistry.

AP Chemistry textbook: *Chemistry the Central Science*. By Brown/ Lemay.

Course Objectives: 1) Prepare students for more advanced study of chemistry at the university level. 2) Prepare the student to score a 3 or better on the AP test.

Required Materials and Supplies: 3 ring binder with dividers, lab notebook, calculator, USB drive. It strongly recommended that you purchase an AP study guide.

Method of Evaluation:

Homework	10%
Labs:	10%
Tests	65%
Final	15%

Grading Scale:

A	100 – 90%
B	89 – 80%
C	79 – 70%
D	69 – 60%
F	59 – 0%

Major Projects: Major writing assignments will be assigned several times throughout the semester. These assignments will relate to lab work that has been completed.

Late Work: will not be accepted for a grade unless arrangements have been made with instructor **before** due date.

Safety Test: All students must pass a lab safety test.

Test Dates: There will be three large tests during both semesters. Test will cover all material covered up to the date of the test. There will not be unit test, but each test will be comprehensive of the information covered to the date of the test. The dates are as followed:

Test	Dates
1	October 4 th and 5 th
2	November 10 th and 11 th
3	First Semester Final
4	February 8 th and 9 th
5	March 16 th and 17 th
6	April 20 th and 21 st
AP Test	Monday May 1 st

Class Outline: Below is an outline of the content that will be covered in this class. Dates contained with each unit are rough dates but we will strive to stay on schedule.

Unit	Topic	Dates
1	Stoichiometry and Chemical Reactions	8/24-9/13
2	Atomic Structure/Periodicity and Bonding	9/14-10/3
3	Molecular Geometry/Liquids and Forces	10/6-10/28
4	Thermochemistry	10/31-11/22
5	Gases	11/28-12/21
End of First Semester		
6	Solutions and Kinetics	1/4-1/31
7	Equilibrium and Acids/Bases	2/1-3/9
8	Thermodynamics/Electrochemistry	3/27-4/14
9	Organic	3/13-3/15

INSTITUTIONAL POLICIES

Make-Up Work: It is the student's responsibility to obtain make-up assignments from teachers following an excused or unexcused absence. In general, two days are given to complete daily work missed for each day of excused absence. For extended illness, the student will be limited to a total of 5 school days following their return to make-up work missed. Exceptions to this rule can be made through special arrangements with the teacher or administration. No make-up credit will be allowed for unexcused absences. Tests that have been scheduled in advance and

long-term assignments need to be completed within a reasonable period of time per the agreement with all parties. Teachers may establish specific guidelines related to long-term assignments on an individual class basis. Dependent upon individual teacher policies, students may miss the opportunity to earn daily participation points for non-school related absences.

Unexcused Absences: Students who have an unexcused absence will lose credit for all work missed during that class period. Students will be assigned 2 hours detention for each hour of unexcused absence or Saturday school in cases in which the student is unexcused for a significant part of the school day.

Tardies: Students are tardy if they are not in the classroom when the bell begins to ring. Individual teachers may further stipulate what constitutes a tardy, (i.e. must be in the seat when the bell rings). Students are allowed 1 excused tardy per class, each semester. Beginning with the 2nd tardy, 30 minutes detention time will be assigned by the classroom teacher to be served in the school wide detention room.

Academic Dishonesty: Students are expected to maintain academic honesty and integrity at all times throughout their high school career. Academic dishonesty (as in cheating or plagiarism) is not acceptable. Cheating includes copying another student's work and submitting it as one's own. Plagiarism is the use of another person's original ideas or writing without giving credit to the true author. A student who engages in any form of academic dishonesty will be subject to the loss of credit for the work in question, as well as other disciplinary measures. Repeated occurrences could result in the student being removed from the class with no credit. Any student enrolled in a BCCC or dual credit course caught cheating or plagiarizing is subject to BCCC rules and regulations that may result in a student receiving an "F" for the course.

All policies and guidelines from the Andover High School Student Handbook will be enforced.

AP Chemistry: Mr. Base

Please sign and return to the course instructor.

I have read and understand the policies as outlined in the course syllabus.

Student Signature

Parent/Guardian Signature