



Advanced Placement[®] Chemistry

Canyon Crest Academy

5951 Village Center Loop Road

San Diego, CA 92130

Course Description:

Advanced placement chemistry is designed to be the equivalent of the general college chemistry course. Chemistry is the study of atoms and molecules and how they interact according to physical laws. Chemistry is applicable to everyday life and such connections will be demonstrated throughout the course. This course will focus understanding chemistry through solving problems. Topics of discussion will include the following:

- Matter and Measurement
- Atoms, Molecules, and Ions
- Stoichiometry
- Aqueous Solutions
- Thermochemistry
- Periodic Properties
- Solids, Liquids, and Gases
- Chemical Bonding
- Molecular Geometry
- Properties of Solutions
- Chemical Kinetics
- Chemical Equilibrium
- Acid-Base Equilibria
- Thermodynamics
- Electrochemistry
- Nuclear Chemistry

We will explore these topics through discussions, laboratory investigations, teacher demonstrations, and in-class assignments. For a detailed list of topics and course outline, please visit the [AP Chemistry Website for Mr. Smith.](#)

Textbooks and Materials for Success:



General Chemistry 8th Edition. Darrell Ebbing and Steven Gammons. Houghton Mifflin, © 2005 (ISBN: 0-618-44796-2)

Experiments in General Chemistry Laboratory Manual. R.A.D. Wentworth. Houghton Mifflin, © 2005 (ISBN: 0-618-39946-1)

- Scientific Calculator- You will need to bring your calculator to class everyday. Calculators will not be shared during exams or quizzes.

Grading:

The grading scale is a standard curve used in a majority of classes here at Canyon Crest Academy. Grades will not be rounded up at the end of a grading period. If you earn an 89.9% for your final letter grade will be recorded as a B+ on your report card.

100-90%	A
89.9-80%	B
79.9-70%	C
69.9-60%	D
Below 59.9%	F

The grading system is based on weighted percentages. Each assignment will have a point value and weighed according to the category. There are five categories: Homework, Laboratory, Quizzes, and Exams.

Category	Weight
Homework	10%
Laboratory	30%
Quiz	20%
Exam	40%

General Rules for Assignments

- All assignments must have your name (first and last), the date (the assignment is due), and period, written neatly in the upper right hand corner. Along with this information, a title must be placed at the top of the paper. Assignments not turned in with all of the necessary information may be delayed in the grading process. All assignments must be turned in at the designated location before the final tardy bell rings or online.

Homework

- Homework will be assigned every class period in the form of reading, worksheets, and online assignments. All homework will be turned in via Blackboard (A web based Learning Management System). There will be a window of opportunity to take the Homework Quiz on-line and the grade scored will be entered into your Homework grade for the class. **If you miss a homework quiz you will not be allowed to make it up.**

Laboratory

- Laboratories are used to reinforce material discussed in class or to introduce a new topic. A minimum of one laboratory will be performed per week. Once a lab has been completed you will turn in a laboratory report according to the Laboratory Report Format and will be graded according to the Laboratory Rubric. You will turn in all labs as part of your final grade at the end of the year **(All labs are to be hand written and they will have pre-lab completed before class as well as their data tables).**

Quizzes

- Quizzes will be administered once or twice a week to check for understanding of the material discussed through lectures, reading (General Chemistry textbook), laboratories performed, or demonstrations viewed in class. These quizzes will consist of 1 to 5 questions and will vary in point value.

Exams

- Exams will be administered every one to two weeks, depending upon the amount of material covered. The exams will consist of multiple choice, matching, short answer essays, and problem solving (calculations).

****Extra Credit is not offered in this class****

Academic Dishonesty

Any student found to be cheating (i.e. cheat sheet, copying from another individual, etc.) on a test or quiz will be referred to the Administrative team at Canyon Crest Academy. The student will receive a zero for the test or quiz with no chance to make up the assignment. If the student cheats for a second time, the student will receive a failing grade for the semester.

Attendance

The attendance policy for making up missed work according to the Canyon Crest Administration:
"Make up work may not be given to those students who have truancies or uncleared absences. Make up work for personal absences (verified by parent) or missed work while on suspension will be left to the discretion of the teacher. Please e-mail the instructor for make up homework assignments."

"Attendance Protocol"

Attendance (Continued)

A student with an excused absence will be allowed to make up all work missed (with the exception of some labs). The student will be given the same amount of time to complete the work as days missed due to an Illness, Funeral or Medical appointment.

A student with a personal absence (i.e. family vacation, etc.) or field trip will not be allowed to make up any of the work missed, unless that student notifies the instructor at least 5 days in advance of the absence. **The notification must be completed using the form (in PDF) located on Mr. Smith's AP Chemistry Website and submitted to the instructor with all appropriate fields completed.** Failure to submit the form before the deadline will result in zeros for the assignments due during the absence.

Make-up Labs and Late Labs

If a student missed class and has followed the Attendance rules noted in the previous section s/he will be able to make up the work if it is a worksheet or handout. The student must attach the Absent Form to the top of their paper for the assignment(s) to be accepted. Making up labs will be at the discretion of the instructor. There will be one day a month to make up a lab missed from class. However, the lab may or may not be the same one performed in class. There will be a 1 week notice for a lab make-up day and will take place before or after school.

Late labs will be accepted and a penalty will be assessed. Please see the table below for the penalty for late Laboratory Reports. Realize it is better to turn in a Laboratory Report late rather than not turn it in at all.

Number of Days Late	Penalty Percentage
Day 1	10%
Day 2	20%
Day 3 or more	30%

In order for an assignment to be turned in late, a Late Worksheet Form must be attached for it to be accepted with the original date due and the date turned in. The late work must be handed directly to the teacher either before class starts or after class has ended.

Tardy Policy

If you are not in the classroom before the final bell, you will be considered tardy. If you are tardy the Canyon Crest Academy Tardy Policy (Please review the Discipline Policy for Canyon Crest Academy) will be enforced.

Expectations and Classroom Rules

Expectations	Classroom Rules
<ol style="list-style-type: none">1. Be Prepared2. Participate3. Complete ALL assigned work by the due date4. Ask questions relevant to the topic of discussion	<ol style="list-style-type: none">1. Show respect to EVERYONE2. Listen carefully to instructions3. Follow directions4. Raise your hand to gain the attention of the instructor5. NO EATING IN CLASS

Portable Electronic Devices

Students will not be able to use any type of electronic device in the classroom unless it is necessary for **student learning**. Items such as Cellular phones, IPOD's, and PSP's are not permitted to be used in the classroom for any reason. If you choose to use one of the devices listed the following consequences will apply:

First Offense	Warning and letter home to parent
Second Offense	Confiscate device/Returned after school
Third Offense	Referral to Administration

Consequences*

These are the consequences for not following the classroom rules or meeting the expectations for the class.

First Offense	Verbal warning
Second Offense	Teacher/Student conference and call home
Third Offense	Detention and call home
Fourth Offense	Saturday School
Fifth Offense	Referral to Principal

*If a student is endangering or showing blatant disrespect to anyone, the student will be removed from the class and sent to the Principal's office with a referral.

Laboratory Rules

Each student will be required to sign a Laboratory Safety Contract before performing any laboratory. If a student is not following any portion of the Laboratory Safety Contract a Laboratory Infraction Notice will be sent home to the parents/guardians of the student. The consequences for Laboratory Infractions are listed below:

First Infraction	Warning
Second Infraction	Point Deduction (25%)
Third Infraction	Point Deduction (50%)
Fourth Infraction	Detention and Zero for Laboratory Report
Fifth Infraction	Petition for Removal From Chemistry Class

* Failure to get signature from a parent/guardian for laboratory infraction will result in a second laboratory infraction and a zero for next laboratory report. If the instructor feels the student purposefully and intentionally tried to hurt another student using laboratory equipment, the student will be referred to the administrative team at Canyon Crest Academy, receive a zero on the laboratory, and have a petition to have the student removed from the class.

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Are there any health concerns that I should be aware of for laboratory? Please explain in the space provided below. **(This is strictly voluntary and confidential!)**

Do you wear contact lens? _____ Yes _____ No

I have read the syllabus and understand the expectations and policy in the classroom. To the best of my ability I, _____ (Print your first and last name), will abide by the rules and meet the expectations my instructor has set for me.

Signature of Student _____

Signature of Parent/Guardian _____