

College Preparatory Chemistry

La Costa Canyon High School

1 Maverick Way

Carlsbad, CA 92009

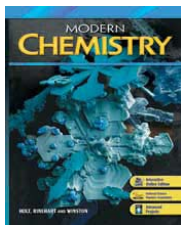
Course Description:

Chemistry involves the study of matter and energy. Many common and current problems of the modern world are related to the course content. The central theme of the course is problem solving within chemistry. The California State Standards for Chemistry will be covered in this class, which include the following topics:

- 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 Chemistry
- Thermodynamics
- Electrochemistry
- Nuclear Chemistry

We will explore these topics through discussions, laboratory investigations, teacher demonstrations, and in-class assignments.

Textbook and Materials for Success:



Modern Chemistry, Davis, et al. Holt, Rinehart, Winston, © 2006.
(ISBN 0-03-073546-7)

- Scientific Calculator- Make sure the calculator can perform log, exponential functions, and scientific notation.
- Three ring binder or spiral bound notebook, pens (black or blue ink), pencils, and note cards.

Grading:

The grading scale is a standard curve used in a majority of classes here at La Costa Canyon High School. Grades will not be rounded up at the end of a grading period. If you earn an 89.99% for your final letter grade, it will be recorded as a B+ on your grade report

100-90%	A
89.99-80%	B
79.99-70%	C
69.99-60%	D
Below 59.99%	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: Laboratory, Quests, Exams, Participation and the Final Exam.

Category	Weight
Laboratory	30%
Quests	20%
Exams	30%
Participation	10%
Final Exam	10%

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 at the designated time specified. If an assignment is turned in late, it will be accepted for partial credit.

Guided Practice (p*)

- Although there is no “official” homework grade in this class there are suggested problems to complete at home to help you in your understanding of the material presented in class.
Guided practice is for your benefit.

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 answers to questions or write a laboratory report according to the Laboratory Report Format and will be graded according to the Laboratory Rubric.

Quizzes (p*) and Quests

- Quizzes are *non-recorded* formative assessments to check for understanding of the objectives covered in this class. These quizzes will be followed by a *recorded* formative assessment called a Quest. This gives you (the student) multiple opportunities to prove your proficiency with the objectives in College Preparatory Chemistry.

Exams

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

Final Exam

- The final exam is cumulative over the entire semester and will be required in order to receive a semester grade in the class. If a student is unable to take the final exam on the designated date and time, the student must notify the instructor at least **two weeks** in advance in writing. The final will not be given early for any reason.

p- This is part of the participation grade*

Grade Reporting

Grades are posted via the Aeries Portal. This gives you access to grades 24 hours a day in real time. Grades will not be posted in the classroom because of the access via the Internet. It is your responsibility, the student to check grades online using the Aeries Portal. Grades will be updated as often as possible. If you have questions about your grade please e-mail or setup an appointment in person before school to discuss your grade. *(If you have a progress report to be filled out by the instructor, you need to bring a copy of the Aeries Grade Report attached to the progress report)*

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 La Costa Canyon High School. 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 La Costa Canyon 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 makeup homework assignments."*

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 Absence Notification form must be filled out and given to the instructor in person. Failure to submit the form before the deadline will result in zeros for the assignments.

Make-up Work

If a student missed class due to an Excused absence or has completed an Absent Notification Form they may make up the following types of assignments:

- Quizzes
- Laboratories
- Exams

Late Work

Late work will be accepted and a penalty will be assessed. You are expected to have your assignment turned in before the bell rings. If the assignment is not turned in before the bell rings, the assignment is considered to be late. 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 La Costa Canyon Tardy Policy (Please review this in your La Costa Canyon Student Handbook Page 26) will be enforced. Remember your homework must be turned in **before** the final bell sounds, or it will be considered late.

Expectations and Classroom Rules

Expectations	Classroom Rules
1. Be Prepared 2. Participate 3. Complete ALL assigned work by the due date 4. Ask questions relevant to the topic of discussion	1. Show respect to EVERYONE 2. Listen carefully to instructions 3. Follow directions 4. Raise your hand to gain the attention of the instructor 5. No portable electronic devices to be used during class time* 6. NO EATING OR DRINKING IN CLASS

* Please see next section for specific information about this classroom rule.

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:

First Offense	Student/Teacher Conference
Second Offense	Parent Contact (via E-mail or Phone)
Third Offense	Detention
Fourth Offense	Student/Teacher/Parent Conference
Fifth Offense	Referral to Administration

*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 take a laboratory safety test and sign a Laboratory Safety Contract before performing any laboratory. Students will not be able to perform laboratories until s/he has passed the safety test with 95% accuracy.

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 obtain a signature from a parent/guardian for a laboratory infraction will result in a second laboratory infraction and a zero for the next laboratory report. If the instructor feels the student intentionally tried to hurt another student using laboratory equipment, the student will be referred to the administrative team at La Costa Canyon High School, receive a zero on the laboratory, and have a petition to have the student removed from the class.

Instructor: Eric J. Smith
(760) 436-6136 ext. 6123
Room 701

Eric.Smith@sduhsd.net
<http://www.smith-science.com/chem>
<http://blackboard.sduhsd.net>

Please refer to Mr. Smith's Science Webpage at <http://teachers.sduhsd.net/esmith>

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 in the classroom and in the laboratory. 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 _____