



2017-2018 COURSE SYLLABUS

Chemistry-P (Course QCS250)

1 Year (10 Credits)

Course description

Chemistry is a two-semester course covering inorganic chemistry, which is designed to meet the needs of students pursuing a science major in a university or college. The course encompasses the following major areas: Introductory Laboratory Skills, Atomic and Molecular Structure, Chemical Bonds, Conservation of Matter and Stoichiometry, Chemical Thermodynamics, Reaction Rates, Chemical Equilibrium, Acids and Bases, Gases and Their Properties, Liquids, Solids and Solutions, Oxidation and Reduction and Electrochemistry, Organic and Biochemistry, and Nuclear Processes. These major areas will overlap to reemphasize and build a sound foundation. The laboratory portion will correlate with the instructional units of the course.

This course meets the “a-g” requirements for the University of California. It is also aligned with California Science Content Standards for Chemistry.

Contact information

Mrs. Dalton
Amber-Dalton@scusd.edu
(916) 395-5090 x506125

Textbook

Chemistry: Matter & Change (Glencoe/McGraw Hill) c. 2005, Dingrando, Tallman, Hainen, and Wistrom;.

Required Materials

- 1.5-2-inch 3 ring binder with dividers, labeled as followed: Agenda, Notes, Assignments, Labs/Projects
- Scientific calculator
- Colored pencils
- Highlighter
- Pens (blue or black), pencils and erasers
- Access to Google Classroom/Google drive

Course Outline

Semester One	Semester Two
Unit 1: Introductory Skills	Unit 6: Liquids, Solids and Solutions
Unit 2: Atomic and molecular structure	Unit 7: Chemical Equilibrium
Unit 3: Chemical Bonds	Unit 8: Acids and Bases
Unit 4: Conservation of Matter and Stoichiometry	Unit 9: Chemical Thermodynamics
Unit 5: Gases and Their Properties	Unit 10: Reaction Rates

Grading

Homework/Daily Work	30%
Labs/Projects	30%
Exams	40%
Total	100%

Grading scale

A: 89.5 - 100%	D: 59.5 - 69.4%
B: 79.5 - 89.4%	F: 59.4 and below
C: 69.5 - 79.4%	

Class Binder

A 1 ½" binder with a minimum of 2-3 tabs is required for this class. The tab will be labeled agenda, notes, and assignments. All agendas should be saved in reverse chronological order (newest on top) behind the agenda tab. All class notes/note handouts should be kept behind the notes tab and all returned assignments behind the assignment tab. All notes pages, either on loose paper or in a spiral, should include a heading and be numbered.

Tardy Policy

It is your responsibility to come to class prepared and ready to work. If you are not in your assigned seat at the time the bell rings with your materials out and working on the daily warm up, you will be marked tardy. Excessive tardies can result in disciplinary action.

Late/Absent Work

Please note that I reserve the right to modify this policy at any time based on individual circumstances.

If you are present on the day an assignment is due and you do not come to class prepared, I will deduct 10% from your grade for each day that it is late, for a maximum of 50% deduction. If your late work is not turned in by the unit exam, I will no longer accept it for credit.

You will have one class day for each day that you were absent to make up missing work. That means that if you miss 2 class periods, you will have two class periods from the day that you return to turn in your assignments.

If there was assigned work due on the day that you were absent, you will be expected to turn that work in to the class inbox at the beginning of class on the day that you return. If work is not turned in at the beginning of the period, it will be considered late.

If you are working on a group project and the person who has the project is absent the day it is due, it must be turned in at the beginning of the next class **whether or not the absent student who had possession of the project will continue to be absent**. If it is not turned in this day, all group members will get a late grade. Please make arrangements with your absent group member to retrieve the project if they will be absent for multiple days.

If you are absent on the day of a quiz, exam or lab, you will be expected to make the exam after school, as scheduled on your makeup form. All labs may not be easily made up. At my discretion, you may be offered an alternative assignment in lieu of a laboratory.

If you are in on campus suspension, all work is due to me as assigned. Please see me before your scheduled suspension to receive all work that will be completed during the class period that you are to miss. You may also access and print this work from Google Classroom. Failure to do so will result in all work being marked as late.

Exam Corrections

I know we don't always do our best work. Because of this, I will allow one chance to correct and return your exam per term. To be eligible for exam corrections, you must complete an Exam Correction form with your parent's signature and corrections attached. You will have one class period from the day that I return the exam to complete the corrections. Corrections will be graded at 50% of the original question. This means that if you missed a question worth two points, you will earn one point for the corrected problem.

Cell Phone Policy

There will be occasions where cell phones will be used for data collection or to look up information online. If cell phones are being used during an inappropriate time, the student will be given one warning. After that, the cell phone will be confiscated and turned into the administration. If a cell phone is out at ANY time during a test FOR ANY REASON, the student will receive a zero on the test WITHOUT A WARNING.

Class Guidelines

1. Do only those things which allow you and others to learn.
2. Bring materials necessary for learning.
 - a. Please bring textbooks to class on the days assigned.
 - b. Bring a pen/pencil and paper to class.
 - c. Labs must be written on graph paper or typed.
3. No food or drinks
 - a. Because of the nature of the course and exposure of chemicals, food and drinks will not be allowed. Students may bring a water bottle.
4. Respect teacher and classmates.
5. Arrive on time.
 - a. Any tardies will result in an after school detention issued by the administration.

Guideline Infraction Consequences

1. 1st offense: Guideline infraction notice, conference after class
2. 2nd offense: Action plan, call home and an after school detention
3. 3rd and subsequent offenses: Disciplinary referral
4. Severe clause: If a student's behavior is disruptive to the learning process or is verbally inappropriate, they will be sent to the office immediately.