



# 2022-2023 COURSE SYLLABUS

**COURSE (Course #)** Chemistry in the Earth System

## Course description

Chemistry is the study of MATTER and the CHANGES that take place with that matter. Laboratory work is a vital component in studying these changes and provides a foundation on which to build an understanding of major concepts. Topics include: states of matter, atomic structure, periodicity, chemical bonding, equilibrium, reaction rates, acids/bases, gas laws, chemical energy, the mole concept, and an introduction to organic chemistry. This is a college preparatory course. It is highly recommended for college bound students

Teacher Name: Chou Vue

Teacher Email Address: [chou-vue@scusd.edu](mailto:chou-vue@scusd.edu)

Teacher Website/Page: [classroom.google.com](https://classroom.google.com)

Google Classroom Code:

## Textbook

*Title* (Publisher) c. 0000, Author LN, Author FN;  
Experience Chemistry in the Earth System, Pearson

## Required Materials:

scientific calculator, pen (blue and black), pencil, notebook, chemistry workbook

## Grading Policy

● Class work/Assignments	25%
● Tests	20%
● Quizzes	10%
● Final	15%
● Lab Reports	15%
● ABC (Attitude, Behavior, and Citizenship) & Participation	5%
● Warm-Ups and Exit Tickets	10%

**Total** **100%**

90% - 100% = A

80% - 89% = B

70% - 79% = C

60% - 69% = D

0% - 59% = F



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## Course Outline

- Segment 1 General Chemistry Concepts (Significant figures, Scientific Notation, Density, and Conversions)
- Segment 2 Atoms, Elements, and Molecules
- Segment 3 Understanding Chemical Reactions
- Segment 4 Properties of Matter
- Segment 5 Thermochemistry
- Segment 6 Stoichiometry
- Segment 7 Reactions in Solutions
- Segment 8 Earth Science

## Course Objectives

Students who successfully complete Chemistry will be competent in the following areas:

- Explain the structure of matter.
- Explain how changes in matter are accompanied by changes in energy.
- Describe the relationship between temperature, pressure, volume, and the amount of gas.
- Predict products of simple reactions and balance chemical equations.
- Identify signs that indicate a chemical reaction has taken place.
- Apply the mole concept in stoichiometric calculations including those involving limiting reactants and percent yield.

## Absences

It is your responsibility to get any missing assignments from the teacher. You will have as many days as you were absent to make up the missing assignments.

## Late Work

Any late work will be turned in the in-box. Late work without an excuse will be given half credit. I will only take late work up to the week before the finals.

## Tutoring Hours

After School: 3:30 PM - 4:30 PM Monday, Tuesday, Wednesday and Friday

## Restroom Policy

- No restroom passes will be given the first 10 minutes of class, last 10 minutes of class, and during lecture. Only one boy and one girl can use the restroom at a time.
- Each student will be given three restroom passes per semester. Any unused passes will be rewarded as extra credit points

## Classroom Rules

- . Be Respectful to yourself, teacher, and others
- . Be Responsible for all your actions and be where you are supposed to be
- . Be ready to learn through your notebook



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## Classroom Expectations

- . Fighting, bullying, threatening, or verbal/physical abuse of another person will not be tolerated
- . Turn off your phone and electronic devices
- . Respect classroom equipment
- . Put forth your best effort at all times
- . Be prepared for class each day
- . Follow directions when given
- . No food or drinks, except water
- . Do not cheat, plagiarize, or copy work
- . Use polite and appropriate language
- . Remove Hats and Hoodies

## Consequences

- . Verbal Warning
- . Change Seat
- . Lunch/ after School Detention
- . Parent Contact
- . Referral to Vice Principal

**Students and Parents:** Feel free to contact me via email if you have any questions. I will try to get back to you in a timely manner.

Student's Name (Please Print) \_\_\_\_\_

Student's signature \_\_\_\_\_

Parents' signature \_\_\_\_\_