

USD
CHEMISTRY AND SOCIETY
CHEMISTRY 101
SPRING 2008
T/Th 9:15a – 10:35a
ST133

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<http://home.sandiego.edu/~khuong/chem101/>

TEXT *The World of Chemistry: Essentials*, Joesten, Castellion & Hogg, 4th Ed

COURSE GOALS to understand the fundamental principles of chemistry and to see how these principles apply to everyday life

OFFICE HOURS M 9:30a – 10:30a; T 1:30p – 3:00p; W 1:30 – 3:00p; Th 10:45p – 12p

Students are always welcome to come in during office hours. Also, if I'm in my office and not swamped with work, I will be happy to answer questions and discuss coursework outside of office hours. I check my e-mail reasonably often during working hours so you can contact me that way too.

COURSE REQUIREMENTS

5 Quizzes: 5 x 50 points
Final exam: 125 points
Total possible points: 375 points

There will be six in-class 35-minute quizzes (of which the best five will be applied towards the overall grade) and one two-hour final exam. Each quiz will be worth 50 points. The final exam will be cumulative and will be worth 125 points. A tentative grading scale is shown to the right and is based on the percentage of total points earned. Plus and minus grades will be awarded.

A	85-100
B	75-84
C	65-74
D	55-64
F	<55

POLICIES AND PROCEDURES

course website I maintain a course website for this class (home.sandiego.edu/~khuong/chem101/). Most importantly, you will find the suggested readings and practice problems from the textbook posted on this website. I will add the relevant information as we start new chapters throughout the semester.

practice problems Practice problems will be assigned from the end of each corresponding chapter. Additional problems will often be provided to you during lecture. These problems will not be collected or graded; however, I will expect that you can solve them by the time a quiz/exam comes around. It is your responsibility to make sure you know how to do the problems if you want to be successful on a quiz or exam. If you have any questions, please come see me during office hours.

quizzes Quizzes will take place during the first 35 minutes of class and will strictly start at 9:15 am. Don't be late. There will be a 5-minute break after the quiz, after which we will continue with lecture material.

missed quizzes/exams No make-up or early quizzes/exams will be given. If you miss one of the quizzes/exam, you must have a legitimate and verifiable excuse presented to me no later than 24 hours after the exam has been given.

grading Look over your quiz carefully. If you have any questions concerning the grading, see me within 7 days after you received the graded quiz.

disabilities You must notify me as soon as possible if you have any disabilities that require special accommodations. I will gladly work with you and Disability Services to make the necessary arrangements.

mutual respect Academic dishonesty will not be tolerated. Any student found cheating on a quiz or exam will receive a zero, and the student's actions will be reported to the Dean. Further penalties may be applied in accord with USD's Academic Integrity Policy.

communication At times I may need to communicate with individual students or with the class as a whole. It is assumed that you will check your USD email regularly and that this will be a suitable way to provide you with necessary information.

GENERAL ADVICE FOR SUCCESS

Come to class – all graded work will be based on the information covered and assigned to you during class. Actively participate. Read the text. With most chemistry concepts, the best way to learn is by doing. In most cases it is better to “do problems” in addition to reading the text, so work all of the recommended problems. Ask questions in class and in office hours. **DO NOT** get behind. Science is inherently cumulative; therefore, later topics in the class will build on earlier topics. Because of this, later quizzes will often involve knowing material from earlier topics.

101 TENTATIVE COURSE CALENDAR / SPRING 2008

1/29 Chemical View of Matter Ch. 2	1/31 Chemical View of Matter Ch. 2
2/5 Atom and the Periodic Table Ch. 3	2/7 Quiz 1 Atom and the Periodic Table Ch. 3
2/12 Atom and the Periodic Table Ch. 3	2/14 Chemical Bonding and States of Matter Ch. 5
2/19 Chemical Bonding and States of Matter Ch. 5	2/21 Quiz 2 Chemical Bonding and States of Matter Ch. 5
2/26 Chemical Reactivity Ch. 8	2/28 Chemical Reactivity Ch. 8
3/4 Acid-Base Reactions Ch. 9	3/6 Quiz 3 Acid-Base Reactions Ch. 9
3/11 Oxidation-Reduction Ch. 10	3/13 Nuclear Power Ch. 13
3/18 Spring Break No Class	3/20 Spring Break No Class
3/25 Nuclear Power Ch. 13	3/27 Quiz 4 Organic Chemistry Ch. 12, 14
4/1 Organic Chemistry Ch. 12, 14	4/3 Organic Chemistry Ch. 12, 14
4/8 Organic Chemistry Ch. 12, 14	4/10 Quiz 5 Plastics and Polymers Ch. 14
4/15 The Chemistry of Life Ch. 15	4/17 The Chemistry of Life Ch. 15
4/22 The Chemistry of Life Ch. 15	4/24 Quiz 6 Chemistry and Medicine Ch. 17
4/29 Chemistry and Medicine Ch. 17	5/1 Environmental Chemistry selections from Ch. 4,6,7,11
5/6 Environmental Chemistry selections from Ch. 4,6,7,11	5/8 Environmental Chemistry selections from Ch. 4,6,7,11
	5/15 FINAL EXAM 8 – 10 am