Chemistry 30, Autumn 2003 Introduction to Chemistry Professor Chidsey

General Information and Course Outline

Instructor: Professor Chris Chidsey email: chidsey@stanford.edu

office hours: Tues 2:15-3:15 pm Stauffer I 103A

Fri 2:15-3:15 pm Stauffer I 103A

phone: 725-1751

Teaching Nozomi Nakayama email: nozomi80@stanford.edu
Assistants: Jashua Ratchford email: ioshuar@stanford.edu

office hours: Mon 7-9 pm location: 200-219

Tues 7-9 pm location: 200-219

Web Site: http://www.stanford.edu/class/chem30 is the publicly accessible website.

A few hours after registering for Chem 30 on Axess, you will have access to all

Chem 30 information on the full CourseWork Chem 30 website.

Text: <u>Chemistry: Science of Change</u>, Fourth Edition, Oxtoby, Freeman, and Block

2003.

PRS Transmitter: You must have a PRS transmitter (available from the bookstore) to respond to

questions during lecture. Register your PRS transmitter via the first

"Assignment" in Coursework.

Lectures: Time: 1:15 pm MWF Location: TCSEQ 200

Discussion Each student will pick a specific, optional Thursday discussion section (50)

min/week) from his or her "My Courses" page in CourseWork. Thursday,

September 25, you may attend any of the six available sections:

<u>Time</u>	Location	Section Number
9:00-9:50am	OC103	(Section #8)
10:00-10:50am	OC103	(Section #5)
1:15-2:05pm	OC103	(Section #2)
2:15-3:05pm	OC103	(Section #6)
3:15-4:05pm	OC103	(Section #4)
7:00-7:50pm	200-015	(Section #3)

Problem Sets: Problem assignments will be posted weekly in "Course Materials" in

Coursework. Problem sets are due at the beginning of class on Mondays. Late problem sets will not be accepted. A grade will be given to provide a rough indication of your performance: 1 (substantially correct), 0.5 (marginal) or 0 (unsatisfactory). A detailed solution set will be posted to "Course Materials" to

allow you to assess your own performance.

Exams: Midterm exams will be given in class on Wednesdays (see schedule).

The final exam will be Monday, December 8, 8:30-11:30 am

Regrades: Requests for regrades must be made through a written note to the instructor explaining the reason for the request. Write nothing additional on the exam itself. The exam and written request must be submitted in class no later than 1 week after the exam was given. **The entire exam will be regraded.** Regrades may result in a reduction in score as well as an increase. Any student turning in an altered exam as original work will be referred to the Judicial Review Committee for violation of the Honor Code. see

http://www.stanford.edu/dept/vpsa/judicialaffairs/guiding/honorcode.htm.

Return of Problem sets and exams will be available for pickup by students at the

Student Work: discussion sections and all office hours.

Students with Students who have a disability that may necessitate an academic

Disabilities: accommodation or the use of auxiliary aids and services in class must initiate

the request with the Disability Resource Center (563 Salvatierra Walk, 723-

1066 voice, 725-1067 TTY).

Grading: Course grade will be determined on an absolute basis from participation in

lectures via PRS (0.1% each), your scores on the 10 problem sets (1% each), the first midterm (5%), the second midterm (10%), the third midterm (12.5%), fourth midterm (15%) and the final exam (45%): \geq 95% A+, \geq 90% A, \geq 85% A-, \geq 80% B+, \geq 75% B, \geq 70% B-, \geq 65% C+, \geq 60% C, \geq 55% C-, \geq 50% D+,

≥45% D, ≥40% D-, <40% NP

The following is the first problem set. This assignment is also posted in "Course Materials" in Coursework. Future assignments will only be posted there.

Problem Set #1 Chemistry 30 Fall 2003 Professor Chidsey

Problem set due at the lecture on Monday, September 29, 2003

All of PS1 is from the course text, Oxtoby "Chemistry: Science of Change" 4th Edition (Note: "A-" and "B-" below refer to Appendices A and B respectively, "1-" refers to Chapter 1)

Reading Assignment: Read Appendices A and B for Friday. Read Chapter 1 for Monday.

Problem Assignment: A-2, A-4, A-6, A-14, A-16, A-20, A-22, A-24, B-2, B-6, B-14, B-18, 1-2, 1-10