

Chemistry 1BE-mail: bogo@chemistry.ucsc.edu**Instructor:** Prof. Roberto Bogomolni

150 PSB x9-4294

Summer 2009

Lectures Tu-Th 9:30 am-12:30 pm

ABOUT THE COURSE: In this second course of the introductory chemistry sequence we cover: Thermochemistry, quantum theory and atomic structure, atomic structure and chemical reactivity, chemical bonding: ionic and covalent bonding, theories of covalent bonding, molecular shape and polarity, intermolecular forces and the states of matter, and colligative properties of solutions.

Text: CHEMICAL PRINCIPLES, Zumdahl, 6th Edition

Lectures, Reading Assignments, and Homework:

The tentative class schedule includes reading assignments and problems from the textbook. Reading of this material BEFORE the lectures is greatly encouraged. The listed problems are the weekly homework assignment to be submitted every Monday at the end of lecture. Solutions to exams and homework problems will be posted on the library's electronic reserves (**e-res**).

Exams and Grading:

Two 1 hr exams and a final 2.5 hr exam will be given. Course evaluations are based as follows: 20% on homework assignments, 25% on each 1 hr exam and 30% for the final exam. **If you miss an exam because of illness or other extenuating circumstance contact the instructor to discuss your situation.** A missed exam counts as zero score. Only cases documented by the Health Center, a Physician, the Police, or University Officials (for specific conflicting university events) will be considered. **NO EXCEPTIONS WILL BE MADE.** Make up exams for those justified absentees will be offered at the end of the course. To pass this course you must score at least 50% of the total available points and **pass the last exam (score 50% or better). Late homework assignments will not be accepted.**

Office Hours:

The instructor will hold regular office hours. We encourage you to use this time to clarify course material rather than to solve personal problems or grievances on grading. If any such situation arises it should be handled as follows: **please write a concise note explaining your problem, or (if it applies) your point of view on any exam grading in which you believe there is a problem, and hand it to the Instructor.** He will review the material and attempt to solve your difficulties, re-grade an exam if appropriate, or set a special appointment to discuss the situation.

Instructor Office hours: To be announced

Student with disabilities:

Students with verifiable disabilities that require examination modifications, or other actions will be accommodated in compliance with state and federal laws. If requested by a student with a disability, DRC personnel will determine whether modifications are necessary and the instructor will make the necessary arrangements with the DRC office regarding special proctors and exam location. Please let the instructor know ahead of time of your special needs!