

CHEMISTRY 161
General Chemistry I
Fall 2006

T Th, 10:30 - 11:45
Bilger Hall 152

Prof. Ralf I. Kaiser
Office Hours M, 2:00-3:00
Bilger Hall 212
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WEEK	TOPIC(S)
Aug 21 – 27	Chapter 1
Aug 28 – Sept 3	Chapter 2
Sept 4 – 10	Chapter 3
Sept 11 – 17	Chapter 4
Sept 18 – 24	Chapter 5
	EXAM #1, TUESDAY, SEPT 19
Sept 25 - Oct 1	Chapter 5 (cont.)
Oct 2 – 8	Chapter 6
Oct 9 – 15	Chapter 7
Oct 16 – 22	Chapter 8
Oct 23 – 29	Chapter 8 (cont.)
Oct 30 - Nov 5 Holiday: Nov 7	EXAM #2, THURSDAY, NOV 9
Nov 6 – 12 Holiday: Nov 11	Chapter 9
Nov 13 – 19	Chapter 9 (cont.)
Nov 20 – 26 Holiday: Nov 23	Chapter 10
Nov 27 - Dec 3	Chapter 10 (cont.); Chapter 11
Dec 4 – 10	Chapter 11 (cont.)

FINAL EXAM TUESDAY, DECEMBER 12, 9:45 am - 11:45 am, BILGER 152

General Information

Required Text: *Chemistry: Matter and Its Changes*; 4th Edition; Brady, Senese (2004).

Required Supplement: *Student Solutions Manual – UH Manoa Edition* (for *Chemistry*, 4th Edition) (2004).

It is NOT recommended to purchase these books via the internet; the solution manual via the www is NOT identical to the edition in the UH book store.

Homework: You should solve as many problems for each chapter as you can. The homework will not be collected or graded, but it is highly recommended that you take the time to solve these problems. Answers to these problems are in Appendix B, and full solutions are in the *Students Solutions Manual – UH Manoa Edition*. This is an essential part of the study of chemistry, and your score on the exams will reflect your problem-solving ability. There is no substitute for practice. The more problems you will solve, the better your score will be. Typically, each week of chemistry 161 lectures requires about 10 - 15 hours additional time for revisions and homework.

Calculators: You should be using a calculator to solve the problems in this course. Calculators are permitted during exams, and you should bring one. Calculators must not be shared during exams.

Examinations: Your grade in this course will be based entirely on your performance on the examinations. Two 75 min exams will count 30% each. The remaining 40% will come from your grade on the final exam (120 min). The exams are all multiple choice and are scored by a computer. To make you familiar with the style of the exam, 'practice tests' are given as take-home-exams for each book chapter. All exams are closed book exams.

Exam results will be available as soon as possible in the Chemistry Tutorial Room, typically within 24 hours.

Examination Absences: **No** makeup examinations will be given. Absence from an examination will be excused ***for illness only if certified by a written statement from a physician***. If you are unable to take an examination, please notify me prior to the exam, if at all possible. In any event, you must contact me if you miss an exam or a score of zero will be assigned. There will be NO makeup exams for the final.

Tutorial Room: In addition to my announced office hours, Bilger 337 will be available as a study/tutorial room. This room will be staffed by graduate teaching assistants. Please check the posted schedule for the room number and the times when tutors will be available.

Lectures: Copies of the lectures will be posted on the internet at least one day prior to the class.

<http://www.chem.hawaii.edu/Bil301/CHEM161.htm> It might be a good idea to print the files prior to the class. Since tips/suggestions for your exams and homework will be given throughout the class, the ppt files alone cannot substitute the class, and it is highly recommended you show up for each class.