

# Chemistry 1220

## Fall Semester 2005

- TEXT:** Class: "CHEMISTRY, THE CENTRAL SCIENCE,"  
Brown, LeMay, and Bursten  
"Chemistry 1220 Notes," (CH 14-25) Ernst (required)
- CLASS:** Lecture: TH 12:25-1:45 pm, 2008 HEB  
Discussions: Begin the first week of classes  
Laboratory: The labs are handled independently, but students in 1220 should generally also be concurrently registered for the lab course CHEM 1225
- INSTRUCTOR:** Professor Richard D. Ernst  
Office: HEB 2166 (581-8639)  
Consultation Hours: 12:00 - 1:00 pm (MWF) and when available  
[ernst@chem.utah.edu](mailto:ernst@chem.utah.edu)
- MIDTERM EXAMS:** Dates for the Exams will be announced in class.
- FINAL EXAM:** Friday, December 16: 10:30-12:30 am (Room 2008 HEB)
- WITHDRAWAL:** Last day to drop (delete) class: Friday, September 2, 2005. Last day to elect CR/NC option or to audit: Tuesday, September 6, 2005. Last day to withdraw: Friday, October 21, 2005.
- MISSED EXAMS:** Except for official University activities, or in the event of appropriate serious and unforeseeable circumstance, no make-up exams will be given, but one exam grade will be dropped. Special consideration can not be given to anyone making travel arrangements for personal purposes, should there be a conflict with an exam. In the event of an unavoidable problem for a second missed exam, a written excuse with documentation (doctor's letter, obituary announcement, etc.) is necessary to avoid an exam grade of 0. If at all possible notification must be made prior to the time of the exam, as otherwise a grade of 0 will be assigned. Students are expected to be aware of any announcements made in class. Any incident of academic dishonesty could result in a grade of E.
- EXAMINATIONS:** NO PROGRAMMABLE CALCULATORS MAY BE BROUGHT TO ANY EXAM. A grade of 0 will be given in such a situation. An inexpensive, simple calculator (including logs) should either be purchased or borrowed (roommate, etc.), and the student familiarized with its operation prior to the exam. Any baseball caps must be worn backwards at exams. Requests for re-grading must be made to RDE within one week of the date the exams were returned. Examinations not picked up within two weeks of the date they were given are subject to disposal. Any exam problems must show the work involved in all steps of the solution for credit to be given.

<b>GRADING:</b>	4 Exams	400 points
	Final Exam	200 points
	Discussion and/or Pop Quizes	100 points (possibly)
	<hr/>	
	Total	600 points (← 1 Exam score dropped)

**INCOMPLETES:** These may only be given for work not completed due to circumstances beyond a student's control, providing the student is currently passing the class and needs to complete no more than 20% of the course requirements. Unexcused absences do not qualify for consideration.

**EQUAL OPPORTUNITY:** The University of Utah seeks to provide equal access to its programs, services and activities for people with disabilities. If you will need accommodations in the class, reasonable prior notice needs to be given to the Center for Disability Services, 162 Olpin Union Building, 581-5020 (V/TDD). CDS will work with you and the instructor to make arrangements for accommodations. All written information in this course can be made available in alternative format with prior notification to the Center for Disability Services.

**MISCELLANEOUS:** Audible pagers and cell phones are not allowed in class. Any requests for emergency exceptions must be made in advance. Students are advised to read the pertinent sections of the text prior to their coverage in lecture.

**HOMEWORK RECOMMENDED:** (Brown, LeMay, and Bursten)

Chapter 14:	13, 15, 25, 31, 43, 53, 55, 67, 79, 94
Chapter 15:	9, 29, 33, 51, 55, 57, 68, 74, 78, 83
Chapter 16:	19, 25, 31, 53, 55, 61, 69, 77, 89, 125
Chapter 17:	11, 25, 29, 39, 41, 47, 55, 57, 59, 65
Chapter 19:	21, 39, 47, 51, 63, 71, 73, 75, 86, 90
Chapter 20:	13, 17, 19, 35, 43, 51, 61, 63, 85, 109
Chapter 21:	13, 15, 23, 25, 27, 35, 39, 47, 65, 70
Chapter 22:	13, 15, 31, 47, 51, 55, 75, 87, 95, 97
Chapter 23:	31, 35, 37, 39, 43, 47, 51, 64, 76, 78
Chapter 24:	11, 27, 29, 31, 39, 41, 47, 51, 64, 81
Chapter 25:	13, 17, 23, 27, 29, 37, 39, 41, 53, 81

**HOMEWORK RECOMMENDED:** (Ebbing, Gammon, and Ragsdale)

Chapter 14:	17, 22, 34, 44, 48, 52, 54, 56, 62, 66
Chapter 15:	4, 8, 14, 16, 28, 30, 40, 42, 52, 66 a & c
Chapter 16:	10, 20, 28, 42, 48, 56, 64, 66, 68, 70
Chapter 17:	14, 24, 26, 38, 42, 54, 70, 74, 78, 84
Chapter 18:	6, 16, 18, 30, 36, 40, 46, 54, 60, 64
Chapter 19:	22, 24, 26, 28, 38, 60, 64, 66, 68, 72
Chapter 20:	12, 24, 26, 32, 36, 44, 54, 60, 72, 88
Chapter 21:	14, 24, 26, 28, 36, 42, 46, 52, 56, 60
Chapter 22:	2, 8, 16, 32, 36, 40, 52, 58, 70, 78
Chapter 23:	8, 10, 20, 22, 24, 32, 40, 42, 48, 50
Chapter 24:	2, 4, 26, 32, 40, 42, 48, 50, 56, 60