

Chemistry 109A

Time: Fall 2003, MWF 11–11:50 am; Broida 1610

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Webpage: <http://www.chem.ucsb.edu/coursepages/05fall/109A-Bode/> or
<http://bode109a.notlong.com>

Textbook: 1) P. Y. Bruice, Organic Chemistry 4th Edition, Pearson Education, New Jersey: 2004
2) Klein, D. R. Organic Chemistry as a Second Language. John Wiley & Sons, New Jersey: 2004

Study Aids: 1) P. Y. Bruice, Study Guide and Solutions Manual: Organic Chemistry, 4th Edition, Pearson Education, New Jersey: 2004.
2) Molecular Model Kit

Grading Option 1	Points	Date	Topics
Quizzes (highest 3)	100	unannounced	various
Exam I	100	Oct. 17, 2005	Bruice Ch. 1,2,5, 7.3–7.5
Exam II	100	Nov. 21, 2005	Ch. 3,4,10,11
Final Exam	200	Dec. 9, 2005, 12 pm	Ch 1–5, 7.3–7.5, 8–11
Total	500		

Grading Option 2	Points	Note:
Quizzes (highest 3)	100	You will automatically receive the highest point total from these two options. If you miss an exam, you will automatically be enrolled in Grading Option 2.
Exam I or Exam II	133	
Final Exam	266	
Total	500	

Last Year's Grade Ranges: A: 420–500 pts; B: 331–420 pts; C: 201–330 pts; D: 151–200 pts. These are provided only as a guide and are subject to change. Exams are not curved, although grading option 2 takes improvement in account.

Final Exam: The final exam is scheduled for Friday, December 9, 12 pm – 3 pm in Broida 1610. There are no exceptions or make up exams. If you have an unalterable conflict, please change to a different section of 109A.

Exams: There are no make-up exams. If you know in advance that you will have a legitimate reason (UCSB sports team, field trip, surgery, etc.) to miss an exam, inform the instructor at least two weeks in advance and provide the appropriate written documentation. All exams will be closed book; no calculators or other materials are permitted.

Quizzes: Quizzes are unannounced (i.e. "pop" quizzes). The highest three quiz grades will be counted in your final grade. At least 5 quizzes will be given during the quarter.

Homework: There is no assigned homework, although suggested problems from the text will occasionally be given in the class. The best strategy is to read everything, and work all the problems you can find. You should read the chapters BEFORE the lectures. Anyone can be successful in organic chemistry; the key is practice! You should budget AT LEAST 3 hours of study time for every hour of class time.

Tentative schedule:

Week	Klein Chapters	Bruice Chapters	Topic
1-2	1-3	1-2; 7.3-7.5	Structure, Bonding, Resonance, Acids-Bases
3-4	5-7	2,5	Nomenclature, Conformations, Stereochemistry
5	8-9	10	Substitution Reactions
6	9-10	11	Substitution Reactions, Elimination Reactions
7	11-12	11;3	Overview of Reactions; Alkenes
8	11	3,4	Reactions of Alkenes
9	11	4,8.1-8.6	Alkenes, Dienes
10		9	Radicals and Reaction Thermodynamics