

Simmons College Chemistry 112N- Spring 2008
Tentative Syllabus and Lecture Outline

UNIT II: Chirality, Alcohols, Aldehydes & Ketones

Office Hours: M, W 1:30-3

Study Groups: 18 hours to choose from!! Be sure to attend at least once a week!!

Sunday	Monday	Tuesday
2-4 PM in library		3:30-5:30 PM in 4 th flr Sci Bldg.
6-10 PM in Evan's Basement	6-10 PM in Evan's Basement	4-10 PM in Evan's Basement

<u>Date</u>	<u>Lecture Number</u>	<u>Topic</u>	<u>Reading Stoker Chapter</u>	<u>HW Problems from Stoker Textbook</u>	<u>HW Problems from the Stoker Study Guide</u>
2/22 (F)	11	Intro to alcohols metabolism	14.1-14.8 23.2, 23.5, 23.6	14.7, 14.9, 14.11, 14.17, 14.19, 14.23, 14.29 to 14.37 (odd only), 14.41, 14.43	14.1-14.4
2/25 (M)	12	Chemistry of alcohols	14.9, 14.10	14.45, 14.47, 14.49, 14.51	14.5-14.7
2/27 (W) QUIZ 4 lectures 11-12	13	ethers & thiols cysteine	14.15-14.21 20.5	14.65, 14.67, 14.71, 14.73, 14.75, 14.83, 14.89, 14.93, 14.95, 14.97	14.10-14.16 Self test chapter 14
2/29 (F)	14	Intro to aldehydes & ketones	15.1-15.7	15.1, 15.3, 15.5, 15.9, 15.11, 15.17, 15.21, 15.27, 15.33, 15.39, 15.43	15.1-15.7
3/3 (M)	15	Reactions Imines	15.8-15.9	15.45, 15.47, 15.49, 15.55, 15.57	15.8-15.10
3/5 (W) QUIZ 5 lectures 13-15	16	Hemiacetals and acetals	15.10	15.59 to 15.71 odd only	15.11-15.13 Chapter 15 self test
3/7 (F)	17	Introduction to stereochemistry; Chirality, enantiomers; Assigning R & S	18.4-18.5	18.13, 18.15, 18.17, 18.19, 18.21	18.2-18.3
3/10-3/14	-	Spring Break			
3/17 (M)	18	Fischer Projection Optical Rotation	18.7	18.33, 18.35	
3/19 (W) QUIZ 6 lectures 16-18	19	Meso and diastereomers, epimers	18.6	18.25, 18.27, 18.31, 18.32	18.4, 18.5, 18.7 Self test - chap 18 Questions 4 to 9, 11, 27

3/21 (F)	20	review			
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Exam II: March 26, 2008, Wed.