

Chemistry 3200

Spring 2008

Instructor: Dr. Wayne Harrison

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Office Hours: TBA

Text: "Organic Chemistry", by McMurry, 7th Edition

Course Objectives

The two semester organic sequence is designed to introduce the student compounds of carbon. This course focuses on the study many of the functional groups found in organic chemistry such as alcohols, aldehydes, ketones, carboxylic acids, amines, and phenols. The student will be exposed to structure and bonding, nomenclature, synthetic reactions, reaction mechanisms, and stereochemistry of the various classes of compounds. Students enrolled in this course are expected either to have passed the first semester of the sequence with at least a C- or to have achieved the required background via other means. As with most sequence courses, it is expected that the student retained the material presented in the first semester. The course will consist of both lecture and classroom participation.

CHAPTERS

PROBLEMS

17	Alcohols	25a-c, 31a,e,g,h, 33a,b, 37
18	Ethers and Epoxides	23b,d, 24b,c,e, 26a,b
19	Aldehydes and Ketones	30c,f,h,j, 32c,d, 34a,c,d,e,f,g, 41a
20	Carboxylic Acids	21c,f, 22d, 27, 28a-d, 49
21	Derivatives of Carboxylic Acids	32a,d,e,g
22, 23	Enolates	22: 20, 23b,d, 26 23: 37a,d, 45
24	Amines	30, 31, 32a-d, 34a-d, 42c, 64
25, 26, 27	Biomolecules	

Exam Schedule (Tentative): (NOTE: EXAMS ARE SCHEDULED ON TUESDAY)

First Hour Exam	February 12
Second Hour Exam	March 18
Third Hour Exam	April 22
Final Exam	Finals Week

Grading:

Exams	60%	(each exam is 20%)
Final Exam	20%	
Laboratory	20%	

There will be no make-up exams. Should one miss an exam with a valid (as determined by the instructor), documented excuse, the other two exams will constitute 50% of the average (25% each) and the final examination will count as 30%. **DO NOT CONTACT ME THE MORNING OF THE EXAM OR AFTER THE FACT AND EXPECT LENIENCY TO BE EXTENDED. IF YOU ARE TO MISS AN EXAM DUE TO A SCHEDULED COLLEGE RELATED ACTIVITY, IT IS YOUR RESPONSIBILITY TO NOTIFY ME AND SCHEDULE TO TAKE THE EXAM PRIOR TO YOUR DEPARTURE.** Attendance to the final examination is mandatory; otherwise, a zero will be recorded. Class attendance and participation are expected and could be a factor in the final outcome. Greensboro College policies will be in effect; therefore, excessive absences, classroom (including laboratory) misconduct and dishonesty will be dealt with accordingly.

If you require special accommodations, such as testing in the PEAK, as a result of a documented learning disability, then it is your responsibility to notify me within the first two weeks of the semester. This will allow time for appropriate arrangements to be made. No alternate testing procedures will be allowed without proper documentation.

A-, A:	90 - 100
B-, B, B+:	80 – 89.9
C-, C, C+:	70 – 79.9
D-, D, D+:	60 – 69.9
F:	< 60