

Chem 004:172 – Advanced Organic Chemistry
Professor MacGillivray
Fall 2007 (ver. 2)

Professor:	Len MacGillivray
Office:	423B Chemistry Building
Phone:	335-3504
E-mail:	len-macgillivray@uiowa.edu
Office Hours (in 423B):	Mon. 10:30AM – 11:30AM Wed. 1:30PM – 2:30PM

Lectures

Lecture: MWF 9:30AM - 10:20AM S207 PBB

Course Materials

Advanced Organic Chemistry, Part A: Structure and Mechanisms by Carey and Sundberg, Kluwer Academic/Plenum Publishers, 5th ed. *Molecular Models* are also strongly recommended.

Course Content and Prerequisites

Content: Ch. 1-10 covering structural and mechanistic aspects of organic chemistry related, but not limited to: bonding, stereochemistry, conformation, thermodynamics, kinetics, nucleophilic substitution, polar additions, eliminations, carbanions, carbonyl compounds, aromatics, and aromaticity.

Prerequisites: 004:121/004:122 or 004:123/004:124

Website

<http://www.chem.uiowa.edu/stdsrvc/course.html>

Chemistry Center (Room 231 CB)

Chemistry Center for drop/add form signing, make-up exam scheduling, alternate textbooks, and tutor lists. The Chemistry Center manager is Lin Pierce (335-1341).

Review Sessions

Will be held for exam review sessions (Time and locations TBA). Review sessions will be held on Oct 10th, Nov 13th, and Dec 12th.

Quizzes

Our lectures will feature bi-weekly 20 minute quizzes (beginning Sept. 14) (top 5 quiz scores will be counted, see "Grading").

Special Needs

Anyone considered having a disability that requires modification of seating, testing, or any other course requirements should contact the Office of Student Disability Services, 3101 Burge Hall (335-1462) and then the Chemistry Center.

Complaints

Complaints and appeals can be filed with the Department of Chemistry administrative office 305 CB (335-1350).

Grading

unit exams (2)	=	250 pts
final exam (1)	=	250 pts
quizzes (5)	=	75 pts
total	=	575 pts

*College of Liberal Arts and Sciences
Recommended Grades*

<i>grade</i>	<i>% of class</i>
A	22
B	38
C	37
D	3
F	1

avg recommended GPA = 2.77 / 4.0

Examinations

S207 PBB during scheduled lecture time.

Exam 1: Fri, Oct 12th, 9:30-10:20 AM **Exam 2:** Wed, Nov 14th, 9:30-10:20 AM

Final Exam: Fri, Dec 21st, 7:30 am-9:30 am

Regrades

Turn in your exam to the Chemistry Center no later than one week after the initial date of return if you believe that a mistake has been made in grading your exam. Items to be regraded must be clearly marked on the front page. After one week of the initial date of return, all grades are final.

Make-Up Exams

Make-up exams are given under exceptional circumstances. A written valid excuse is required. To sign up for a make-up exam, documentation must be submitted to the Chemistry Center no later than one week after the missed exam. Make-up exams will cover material in greater depth than the regular exams.

Make-Up Exam 1: Fri, Oct 19th, 3:00-5:00 PM

Make-Up Exam 2: Fri, Nov 30th, 3:00-5:00 PM

Class Schedule

	Monday	Tuesday	Wednesday	Thursday	Friday
Aug.	27 <i>No lecture</i>	28	29 Ch. 1	30	31 <i>No lecture</i>
Sept.	3 <i>Labor Day</i>	4	5 Ch. 1	6	7 Ch. 1
	10 Ch. 1	11	12 Ch. 1	13	14 Quiz 1/Ch. 2
	17 Ch. 2	18	19 Ch. 2	20	21 Ch. 2
	24 Ch. 2	25	26 Ch. 3	27	28 Quiz 2/Ch. 3
Oct.	1 Ch. 3	2	3 Ch. 3	4	5 Ch. 3
	8 Ch. 4	9	10 Ch. 4/ Review	11	12 Exam 1
	15 Ch. 4	16	17 Ch. 4	18	19 Ch. 4/ Make-up
	22 Ch. 5	23	24 Ch. 5	25	26 Quiz 3/No lecture
	29 Ch. 5	30	31 Ch. 5		
Nov.				1	2 Ch. 5
	5 Ch. 6	6	7 Ch. 6	8	9 Quiz 4/No lecture
	12 Ch. 6	13 Review	14 Exam 2	15	16 Ch. 6
	19 <i>Thanksgiving</i>	20 <i>Thksgiv</i>	21 <i>Thanksgiving</i>	22 <i>Thksgiv</i>	23 <i>Thanksgiving</i>
	26 Ch. 6	27	28 Ch. 7	29	30 Quiz 5/Make-up
Dec.	3 Ch. 7	4	5 Ch. 7	6	7 Ch. 7
	10 Ch. 7	11	12 Ch. 8/ Review	13	14 Quiz 6/Ch. 8
	17	18	19	20	21 Final Exam

College Statement

This course is given by the College of Liberal Arts and Sciences. This means that class policies on matters such as requirements, grading, and sanctions for academic dishonesty are governed by the College of Liberal Arts and Sciences. Students wishing to add or drop this course after the official deadline must receive the approval of the Dean of the College of Liberal Arts and Sciences. Details of the University policy of cross enrollments may be found at: <http://www.uiowa.edu/~provost/deos/crossenroll.doc>.