

CHE 252

Contemporary Organic Chemistry

University at Buffalo

Spring Semester 2008

Announcement Sheet 1

<i>Days</i>	<i>Time</i>	<i>Place</i>
MWF	9:00 – 9:50 AM	228 NSC

STAFF

<i>Lecturers:</i>	<i>Office</i>	<i>Phone</i>	<i>Email</i>	<i>Office Hours*</i>
Dr. Qing Lin	NSC 658	645-6800 x2171	qinglin@buffalo.edu	WF 10-11 AM

*Office hours are also available through appointments made via email

<i>Laboratory Director:</i>	<i>Office</i>	<i>Phone</i>	<i>Email</i>
Dr. William Koehn	NSC 317	645-6800 x2075	wpkoehn@buffalo.edu

MATERIALS NEEDED FOR LECTURE

Required:

Text: “Organic Chemistry” Fifth Edition, by Paula Y. Bruice, Pearson Prentice Hall, Upper Saddle River, NJ, 2007.

Lecture notes available on course web page on UBLearn (<http://ublearns.buffalo.edu>).

Recommended:

“Study Guide & Solutions Manual, Organic Chemistry” Fifth Edition, by Paula Y. Bruice, Pearson Prentice Hall, Upper Saddle River, NJ, 2007.

REGISTRATION

Prerequisites:

Organic Chemistry (CHE201 or 251)

Registration Procedure:

If you are not completely registered, see Dr. Qing Lin.

Important Dates:

January 18: Last day to drop a course without financial penalty.

January 25: Last day to drop/add Spring 2008 courses without a grade of "R"

January 25: Undergraduate S/U & Audit deadline for Spring 2008

March 28: Last day (by 11 p.m.) to “resign” a Spring 2008 course with a grade of “R”

ABOUT THE COURSE

Lecture:

Students must be registered and should attend all lectures. They should read the text in advance for a better understanding of the lecture and are responsible for learning the material presented whether they attend or not. Please turn off cell phones and pagers during class.

Laboratory (including Recitations):

The laboratory is under the direction of Dr. William Koehn. Please direct all questions related to the laboratory to Dr. Koehn or to your graduate laboratory instructor.

Grading:

<u>Midterm Exams (best 3 of 4, 150 each)</u>	450
<u>Final</u>	300
<u>Laboratory</u>	250
<u>TOTAL</u>	1000

The final course grade (A-F including +/-'s) is determined strictly on the basis of the total number of points accumulated; individual exams are not assigned letter grades. Students should keep all exams until they have received their course grade. These are the only materials which will be accepted as evidence of clerical error in the determination of the course grade.

Exams:

Midterm exams will be held during class (2/9, 3/5, 4/6, 4/30) and are closed book. There should be no fellow classmate sitting next to or in front/back of you when taking midterms. All belongings not used during the exam including backpacks, books, class notes, cell phones, etc are to be placed in the front of the classroom. **Calculators are not allowed** during the exams. **White out** is prohibited. The comprehensive final will be held on a date to be announced. Please clear your calendar for these times and do not be late!

Make-up Policy:

There will be no make up for midterms. Students who are unavoidably absent from the final must present an excuse to the instructor and should be prepared to document the absence if requested to do so. (see incompletes for more detail)

Incompletes:

Students who present a valid written excuse for failure to take the Final Examination either prior to or within 48 hours of that exam will be given a grade of "I" (incomplete) if they had a passing grade (with 0 points from final). The default grade for an incomplete will be computed with the final examination counting 0 point. Students with failing grades are not eligible for incompletes and will be assigned a grade of F if they do not take the Final Examination. Incompletes must be removed by examination within 15 months, by taking a make-up exam at a time to be announced.

Students requesting an incomplete are hereby reminded that University regulations prohibit a second registration in a course for which they currently have an I-grade and that all I-grades must be removed before graduation. Students who stop attending, as judged by their absence from quizzes and the Final Examination, without officially resigning, will be assigned the grade of F and their lack of attendance will be reported to the Office of Financial Aid at the end of the semester.

Handicapped Students:

The Chemistry Department works closely with the Office of Disability Services to make it possible for anyone wishing to take a Chemistry course to do so. Special arrangements can be made for handicapped students who cannot take examinations or quizzes in the normal manner and for those who cannot perform laboratory experiments unaided with the normal equipment. All such arrangements must be made well in advance of the event by contacting Mr. Randall E. Borst, Director of Disability Services, 25 Capen Hall, and Dr. Lin for quizzes and final exam.

Academic Integrity:

The University community depends upon shared academic standards. Academic dishonesty in any form represents a fundamental impairment of these standards. If, after consultation with the student, an instructor believes the student has committed an act of academic dishonesty, the instructor has the authority to impose sanctions in keeping with this principle. The MINIMUM sanctions to be imposed in CHE252 are as follows:

First infraction: The maximum point value for the exam will be subtracted from the student's point total. A subsequent infraction will result in a minimum penalty of 200 total points.

Students should consult the Academic Regulations and Procedures section of the Undergraduate Education Bulletin for a more detailed discussion of possible harsher sanctions and the appeals process.

Academic dishonesty includes, but is not limited to, the following:

1. The possession of crib sheets or unauthorized notes at an examination or quiz, whether or not they are used. (Calculator memory banks, calculator cases or other articles are subject to inspection by the proctors.)
2. Copying from another person's examination paper, or deliberately allowing another person to copy from you.
3. Changing any of the answers on an examination paper, and then requesting that the paper be regraded for additional credit.

Miscellaneous:

1. These announcement sheets will be available on the *Course web page*.
2. Exams which students wish to have regraded must be turned in within one week after the exam has been received by the student. No grades will be changed after this time. The nature of the problem must be specified on an attached sheet. Exams containing "white-out" corrections will not be regraded.

Course Web Page:

The course CHE252 is now at the Blackboard CourseInfo Production Server in preparation for the Spring 2008 semester. You may access this course by navigating to:

<http://ublearns.buffalo.edu>

Each student's username will be his or her UBIT name.

Tentative Lecture Schedule:

This course builds on the foundation provided in the first semester organic chemistry (CHE251 or 201) to provide knowledge regarding spectroscopic characterization of organic compounds, and the generation and reactions of substituted benzenes and various heteroatom-containing functional groups.

Date	Day	Topic	Chapter	Exams
1/14	Mon	Alcohols	Chapter 10	
1/16	Wed	Ethers, Epoxides	Chapter 10	
1/18	Fri	Sulfur compounds, Organometallics	Chapter 10	
1/23	Wed	Mass Spectrometry	Chapter 12	
1/25	Fri	Mass Spectrometry, Infrared Spectroscopy	Chapter 12	
1/28	Mon	Infrared Spectroscopy	Chapter 12	
1/30	Wed	UV-Vis	Chapter 12	
2/1	Fri	NMR	Chapter 13	
2/4	Mon	NMR	Chapter 13	
2/6	Wed	NMR	Chapter 13	
2/8	Fri	NMR	Chapter 13	
2/11	Mon			Midterm 1
2/13	Wed	Aromaticity	Chapter 14	
2/15	Fri	Aromaticity	Chapter 14	
2/18	Mon	Reactions of Benzene	Chapter 14	
2/20	Wed	Reactions of Benzene	Chapter 14	
2/22	Fri	Reactions of Benzene	Chapter 14	
2/25	Mon	Reactions of Substituted Benzenes	Chapter 15	
2/27	Wed	Reactions of Substituted Benzenes	Chapter 15	
2/29	Fri	Reactions of Substituted Benzenes	Chapter 15	
3/3	Mon	Reactions of Substituted Benzenes	Chapter 15	
3/5	Wed	Reactions of Substituted Benzenes	Chapter 15	
3/7	Fri			Midterm 2
3/10	Mon	Spring Recess		
3/12	Wed	Spring Recess		
3/14	Fri	Spring Recess		
3/17	Mon	Nucleophilic Acyl Substitution	Chapter 16	
3/19	Wed	Nucleophilic Acyl Substitution	Chapter 16	
3/21	Fri	Nucleophilic Acyl Substitution	Chapter 16	
3/24	Mon	Nucleophilic Acyl Substitution	Chapter 16	
3/26	Wed	Nucleophilic Acyl Addition	Chapter 17	
3/28	Fri	Nucleophilic Acyl Addition	Chapter 17	
3/31	Mon	Nucleophilic Acyl Addition	Chapter 17	
4/2	Wed	Nucleophilic Addition-Elimination	Chapter 17	
4/4	Fri	Reactions of α,β -Unsaturated Carbonyls	Chapter 17	
4/7	Mon			Midterm 3
4/9	Wed	Reactions at the α -Carbon of Carbonyls	Chapter 18	
4/11	Fri	Reactions at the α -Carbon of Carbonyls	Chapter 18	
4/14	Mon	Reactions at the α -Carbon of Carbonyls	Chapter 18	
4/16	Wed	Reactions at the α -Carbon of Carbonyls	Chapter 18	
4/18	Fri	Reactions at the α -Carbon of Carbonyls	Chapter 18	
4/21	Mon	Reactions at the α -Carbon of Carbonyls	Chapter 18	
4/23	Wed	More Oxidation-Reduction	Chapter 19	
4/25	Fri	More Oxidation-Reduction	Chapter 19	
4/28	Mon			Midterm 4
??	??	Comprehensive Final Exam		Final