

Dr. Stephen Woski
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Office Hours: MWF, 9:00-10:00 a.m. or by appointment.

Chemistry 530

Introduction to Graduate Organic Chemistry

Fall 2002

Description: Three credit hours; three lectures per week.

Prerequisite: Graduate standing

Lectures: MWF, 10:00-10:50 a.m., Room 231 Lloyd.

Exam Times/ Recitations: T, 5:00-6:20 p.m., Room 231 Lloyd.

Required Textbook:

Solomons & Fryhle, *Organic Chemistry*, 7th ed. with study guide and HGS molecular model kit;
Publisher: Wiley, New York, 2000.

Examinations:

There will be four one-hour examinations (100 pts each) and a comprehensive final examination (200 pts).

Homework:

There will be ten graded homework assignments given over the course of the semester worth 10 pts apiece (100 pts total).

Grading:

The total points earned will be divided by 7, and grades will be assigned using the scale below:

<u>Score</u>	<u>Grade</u>
100-90	A+ / A / A-
89-80	B+ / B / B-
79-70	C+ / C / C-
69-60	D+ / D / D-
59-0	F

Attendance:

Attendance at all lectures and recitations is expected. Attendance at examinations is mandatory unless previous arrangements are made with the instructor. If an exam is missed without prior arrangements being made, a grade of zero will be assigned unless the absence is determined by the instructor to be excused. Excused absences will be granted only with a legitimate excuse (such as illness or death) and should be obtained as early as possible. In these cases, make-up exams will typically not be given.

NB: While attendance at recitations is not required, it is strongly encouraged. Recitations will meet during the scheduled exam period (Tuesdays, 5:00 -6:20 p.m.) on days without exams. These meetings will concentrate on problem solving.

Study Aids and Getting Help:

- The best advice I can give you is DO NOT FALL BEHIND. Much of the course material builds on previous concepts; falling behind makes your job much more difficult. Help can be obtained during office hours, during special review sessions, and, as a last resort, from tutors.
- Working problems is essential to learning Organic Chemistry. Work as many problems as possible for practice and write these in a notebook for review before exams (some of these problems or similar problems may appear on the exam. The graded homework problems should be particularly valuable for self evaluation. These problems will be similar to exam questions and will allow you to gauge your comprehension of a particular topic.
- A supplemental study guide can be useful to determine if you are on the right track while solving problems. However, work the problem out before consulting the study guide. This makes each problem more like the situation you will encounter during exams.

Academic Misconduct:

Students are encouraged to study in groups. However, all exams and all graded homework assignments are to be completed on a strictly individual basis. In addition, no external aids may be used other than those specified in advance by the instructor. All acts of dishonesty in any work will constitute academic misconduct. The Academic Conduct Disciplinary Policy will be followed in the event of academic misconduct.

Disability Accommodations:

To request disability accommodations, please contact the Office of Disability Services at 348-4285. After initial arrangements are made with that office, contact your professor.

Suggestions:

I welcome any suggestions or comments (favorable or unfavorable) that you may have regarding any facet of this course. If desired, your comments can remain anonymous by placing an unsigned note in my mailbox in the Chemistry Office.

Exam Schedule

Exam 1 (Chapters 16 &17)	September 17 (Tuesday)	5:00 p.m.
Exam 2 (Chapters 18 &19)	October 8 (Tuesday)	5:00 p.m.
Exam 3 (Chapters 13, 14, & 15)	November 5 (Tuesday)	5:00 p.m.
Exam 4 (Chapters 20 & 21)	November 26 (Tuesday)	5:00 p.m.
Final Exam (Chap. 22 + Cumulative)	December 12 (Thursday)	11:30 a.m.

Tentative lecture schedule: CH 530 Fall 2002

		Oct 14	Ch 13
		Oct 15	Recitation
Aug 21	Overview Syllabus	Oct 16	Ch 14 Aromatic Cmpds
Aug 23	Review	Oct 18	Ch 14
Aug 26	Ch 16 Aldehydes/Ketones I	Oct 21	Ch 14
Aug 27	Recitation	Oct 22	Recitation
Aug 28	Ch 16	Oct 23	Ch 14
Aug 30	Ch 16	Oct 25	Ch 15 Rxns/Aromatic Cmpds
Sep 02	Labor Day	Oct 28	Ch 15
Sep 03	Recitation	Oct 29	Recitation
Sep 04	Ch 16	Oct 30	Ch 15
Sep 06	Ch 17 Aldehydes/Ketones II	Nov 01	Ch 15
Sep 09	Ch 17	Nov 04	Ch 20 Amines
Sep 10	Recitation	Nov 05	Exam 3 (Ch 13, 14, & 15)
Sep 11	Ch 17	Nov 06	Ch 20
Sep 13	Ch 17	Nov 08	Ch 20
Sep 16	Ch 18 Carboxylic Acid/Deriv	Nov 11	Ch 20
Sep 17	Exam 1 (Ch 16 & 17)	Nov 12	Recitation
Sep 18	Ch 18	Nov 13	Ch 20
Sep 20	Ch 18	Nov 15	Ch 21 Phenols & Aryl halides
Sep 23	Ch 18	Nov 18	Ch 21
Sep 24	Recitation	Nov 19	Recitation
Sep 25	Ch 18	Nov 20	Ch 21
Sep 27	Ch 19 β -Dicarbonyl Cmpds	Nov 22	Ch 21
Sep 30	Ch 19	Nov 25	Ch 22 Carbohydrates
Oct 01	Recitation	Nov 26	Exam 4 (Ch 20 & 21)
Oct 02	Ch 19	Nov 27	Ch 22
Oct 04	Ch 19	Nov 29	Thanksgiving Break
Oct 07	Ch 13 Conjugated Systems	Dec 02	Ch 22
Oct 08	Exam 2 (Ch 18 & 19)	Dec 03	Recitation
Oct 09	Ch 13	Dec 04	Ch 22
Oct 11	Ch 13	Dec 06	Review for Final
		Dec 12	Final Exam