

FLORIDA INTERNATIONAL UNIVERSITY

DEPARTMENT OF CHEMISTRY AND BIOCHEMISTRY

Organic Chemistry II Syllabus

CHM 2211-U01
Spring 2009

Dr. Keller
ECS 416
305-348-3081

Monday, Wednesday, Friday — 8:00-8:50 AM, CP 145

Website: www.fiu.edu/~kellerl

TEXT: Solomons and Fryhle, *Organic Chemistry*, 9th Edition, Wiley, 2007

PREREQUISITES: A full year of General Chemistry (2 semesters) and Organic Chemistry I with grades of “C” or better.

COREQUISITE: Organic Chemistry Lab II (CHM 2211L)

OFFICE HOURS: I will usually be available for brief discussions at the following times:
Monday, Wednesday, Friday: 9:15-10:00 AM; Tuesday and Thursday:
12:00-12:45 PM

If you require long discussions (over 15 minutes) it would be best to make a specific appointment by calling my secretary at 305-348-2865. Tell her that you are a chemistry student who wants to see me about organic chemistry.

GRADING POLICY: There will be 3 mid-term examinations and a final. The mid-term exams will be worth 100 points each, and the lowest grade will be dropped. ***Midterm exams will be given on the following dates at 4:00 PM: Friday, February 6, Friday, March 6, and Friday, April 3.***

There will be *no* make-up exams. Should you miss an exam, then that will be the one dropped. Remember, **you are expected to take all 3 examinations.**

The final exam will be comprehensive and will count 200 points.

In-class participation using the *iClicker* will count 10 points (out of a possible 410 points)

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TENTATIVE LECTURE SCHEDULE

Jan 5	Chapter 12	Alcohols from Carbonyl Compounds (Grignard Synthesis)	23	Chapter 16	Aldehydes & Ketones I (Nucleophilic Addition)
7	Chapter 12	“	25	Chapter 16	“
9	Chapter 9,2	Spectroscopy	27	Chapter 16	“
12	Chapter 9,2	“	Mar 2	Chapter 17	Aldehydes & Ketones II (Enols and Enolates)
14	Chapter 9,2	“	4	Chapter 17	“
16	Chapter 9,2	“	6	Chapter 17	“
21	Chapter 9,2	“	6*	EXAM II	Chapters 14, 15, 16
23	Chapter 9,2	“	9	Chapter 18	Carboxylic Acids and their Derivatives
26	Chapter 13	Conjugated Systems	11	Chapter 18	“
28	Chapter 13	“	13	Chapter 18	“
30	Chapter 13	“	23	Chapter 18	“
Feb 2	Chapter 14	Aromatic Compounds	25	Chapter 19	Synthesis and Reactions of β -Dicarbonyl Compounds
4	Chapter 14	“	27	Chapter 19	“
6	Chapter 14	“	30	Chapter 19	“
6*	EXAM I	Chapters 12, 9, 13	Apr 1	Chapter 19	“
9	Chapter 14	“	3	Chapter 20	Amines
11	Chapter 15	Reactions of Aromatic Compounds	3*	EXAM III	Chapters 17, 18, 19
13	Chapter 15	“	6	Chapter 20	“
16	Chapter 15	“	8	Chapter 20	“
18	Chapter 15	“			
20	Chapter 16	Aldehydes & Ketones I (Nucleophilic Addition)			
			2:15 PM Apr 23	FINAL EXAM	Comprehensive (Chaps. 9, 12-20)

*Mid-term exams will be given at 4:00 PM in CP 145

NO CLASS: January 19 (Martin Luther King Day); March 16-20 (Spring Break)