

- Instructor:** Dr. Jeffrey J. Keaffaber, Flint Hall (FLI) 251, jjk@chem.ufl.edu
- Required Text:** Brown, Foote, Iverson, and Anslyn, *Organic Chemistry*, 5th Edition.
- Recommended:** Brown, Foote, Iverson, and Anslyn, *Student Study Guide and Solutions Manual for Organic Chemistry*, 5th Edition and a molecular modeling set.
- Optional:** A bound "CHM 2211 Notes and Exams Keaffaber Fall 2011" booklet may be purchased at Target Copy located at 1412 West University Ave.
- Advice:** Even though lecture notes are posted online, or may be purchased already bound, you must make your own supplemental margin notes in class. Drawing structures, reactions, mechanisms, and syntheses is an art that must be mastered. You will be required to draw structures neatly on exams. **Be an active, critical thinker and learner. DRAW. Don't just stare at the material in an attempt to memorize!**
- Lectures:** MWF period 3 (9:35-10:25 AM) in FLI 50
- Progress Exams:** Exam 1 Friday, September 23rd; Exam 2 Friday, October 28; and Exam 3 Friday, December 2nd (all in class)
- Final Exam:** Exam Group 16B - Friday, December 16th 10:00 AM – 12:00 Noon in FLI 50
- Office Hours:** MW period 7-8 (1:55-3:50 PM) and TR period 4 (10:40-11:30 AM) No Friday hours. If these times don't work for you, ask for an appointment.
- Sakai:** <http://lss.at.ufl.edu/> (updated regularly with announcements, exam scores and information, practice material, handouts, and lecture notes from class)
- TA Office Hours:** Graduate teaching assistants will be available in Flint 258, the Organic Chemistry Learning Center (OCLC). The times that TAs are available is posted on Sakai. TAs will begin holding office hours on Monday, August 29th.
- Exam Policy:** (See reverse side for course grading policies): Three 100 point mid-semester progress exams and one 100 point final exam will be given. **One of the three progress exams will be dropped.** If you miss an exam, for any reason, it will be the exam dropped. **Please plan your schedule accordingly, and be present at all three progress exams and the final exam!**
- Homework:** The assigned study problems will not be collected or graded. It is your responsibility to work the problems (practice!!) and read the book – **this is essential for being successful in the course.**
- Attendance:** If you do not want to come to class that is your right. **However, if you do come to class, I expect you to be there, on time, no later than 9:35 AM sharp! When you are in class, you are expected to stay for the entire lecture.** If you come late to an exam, you will not be given additional time.

Etiquette: When you are in class, be respectful of others. **Cell phone use is strictly prohibited at all times in the lecture auditorium.** Please adjust your phone so that it does not ring. Also, hats may not be worn during exams.

Expectations: **Work hard and practice!** This course covers an extensive amount of material, and it moves at a fast pace. Do not let yourself get behind! Keep up with the course, and you will be in good shape. Try to allow at least 3 hours per day (6 days a week) to study for this course, work on problems, and read the book chapters. Use the on-line resources and links found on Sakai. Please do not wait until the last minute to come ask me for help. Use the office hours early and often before exams. As you know, organic chemistry is a challenging course, but it is completely manageable if you **work hard and practice!**

Course Grading Policies (Detailed)

Points: During fall and spring semesters, three progress exams (100 points each) and one final exam (100 points) are given. **There are 300 points possible.** There is one dropped progress exam. The final exam may not be dropped. **No make-up exams will be given.** Please plan accordingly.

Re-grades: Only the exam answer sheets are turned in and graded after each exam. To ensure academic honesty and accuracy in grading, all answer sheets are photocopied or scanned as pdf files before they are handed back to students. All re-grade requests must be submitted in writing to Dr. Keaffaber only during office hours in Flint 251 and **no later than three days from the date that the exam is returned to the class.** Staple a cover sheet to the exam that details your concerns. **Important note:** Once submitted the **entire exam** will be re-graded to ensure accuracy and your score may increase or decrease accordingly.

Final Grades: Your final grade is determined based on a class "curve" that is determined at the end of the course. As a general guideline, students that exceed 88% typically receive an "A" and students that exceed 65% typically pass the course with a "C". However, **these percentages should serve only as a rough guideline.** I will do my best to keep each of you informed as to your performance in the course as we go along, after Exam 1, 2, and 3. For example, approximate letter grade cut-offs will be posted following each of the three progress exams. Final letter grades will not be posted on Sakai. They will only be available on ISIS, Monday evening, December 19th. A final "curve" will not be published. Do not email your instructor regarding grades after the final exam. Grades are a confidential matter, and these emails will not be answered.

UF Transcript Grade Point Values: 4.00 A; 3.67 A-; 3.33 B+; 3.00 B; 2.67 B-; 2.33 C+; 2.00 C; 1.67 C-; 1.33 D+; 1.00 D; 0.67 D-; 0.00 E For more information: <http://isis.ufl.edu/minusgrades.html>

Student Honor Code

The UF Student Honor Code (see the <http://www.dso.ufl.edu/studentguide/> for details): *We the members of the University of Florida community pledge to hold ourselves and our peers to the highest standards of academic honesty and integrity.*

On all work submitted for credit by students at the University of Florida, the following pledge is either required or implied: *"On my honor, I have neither given nor received unauthorized aid in doing this assignment."* Please note that violations of the Honor Code are taken seriously. Honor Code violations including copying on an exam (or helping another student to copy) and/or turning in an exam for re-grading that has been changed by a student since it was graded by the instructor.

Any student found responsible for an academic honesty violation in the course will automatically forfeit his/her right to the exam drop policy and will be recommended sanctions consistent with the offense.

Course Schedule

Dates	Chapters	Content/Topics
Aug 22 and 24	15	An Introduction to Organometallic Compounds
Aug 26, 29, 31, and Sep 2	16	Aldehydes and Ketones
Sep 7 and 9	17	Carboxylic Acids
Sep 12, 14, 16, 19, and 21	18	Functional Derivatives of Carboxylic Acids
Sep 23	15-18	Exam 1
Sep 26, 28, 30, Oct 3, and 5	19	Enolate Anions and Enamines
Oct 7 and 10	20	Conjugated Systems
Oct 12, 14, and 17	21	Benzene and the Concept of Aromaticity
Oct 19, 21, 24, and 26	22	Reactions of Benzene and Its Derivatives
Oct 28	19-22	Exam 2
Oct 31, Nov 2, and 7	23	Amines
Nov 9, 14, 16, 18, and 21	24	Carbon-Carbon Bond Formation and Synthesis
Nov 23 and 28	12	Infrared (IR) Spectroscopy
Dec 2	23-24, 12	Exam 3
Nov 30, Dec 5, and 7	13	Nuclear Magnetic Resonance (NMR) Spectroscopy
Dec 16	10:00 AM – 12:00 Noon	Final Exam

Suggested Homework – Highly Recommended!

Ch 15: 1, 2, 3, 5, 6, 7, 8, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 24

Ch 16: 1, 3, 4, 5, 6, 7, 8, 10, 14, 15, 18, 19, 20, 21, 23, 24, 26, 27, 29, 30, 32, 33, 35, 38, 39, 40, 42, 43, 46, 47, 48, 50, 51, 54, 57, 58, 59, 60, 62, 72, 74

Ch 17: 1, 2, 4, 5, 6, 7, 8, 15, 18, 19, 20, 21, 22, 23, 24, 26, 28, 29, 30, 31, 32, 33, 34, 35, 37, 40, 41, 45, 46, 48, 49, 50

Ch 18: 1, 3, 5, 6, 7, 8, 9, 10, 13, 14, 20, 23, 24, 25, 27, 31, 32, 33, 36, 37, 39, 43, 47, 48, 51, 60, 63, 64

Ch 19: 1-13, 15, 17, 19, 21, 23, 24, 26, 28, 29, 33, 35, 36, 37, 39, 40, 41, 43, 46, 47, 49, 50, 53a, 53c, 54, 56, 60, 64, 73, 74, 75, 77

Ch 20: 1, 2, 3, 6, 7, 9, 11, 12, 13, 14 + internet molecular orbital problems

Ch 21: 1, 3, 4, 5, 6, 7, 8, 9, 13, 14, 15, 17, 32, 34, 35, 36, 38, 40, 42, 43, 45, 46, 47, 48, 49, 50, 53, 54, 59

Ch 22: 1, 2, 3, 4, 5, 6, 7, 8, 14, 15, 17, 18, 19, 20, 21, 22, 24, 26, 27, 28, 30, 31, 32, 33, 35, 36, 38, 40, 42, 44, 45, 47, 51, 52, 56, 59

Ch 23: 1-8, 10, 11, 13, 14, 15, 17, 18, 25, 29, 30, 31, 33, 34, 35, 36, 38, 39, 40, 43, 44, 46, 47, 50, 55, 57, 59, 62

Ch 24: 1-7, 11, 12, 13, 17, 18, 21, 24, 25, 28, 30, 31, 32, 33, 35, 37, 38, 44

Ch 12 and 13: Spectroscopy problems will be assigned later.