

- Instructor:** Dr. Jeffrey J. Keaffaber, Flint Hall (FLI) 251, jjk@chem.ufl.edu
- Required Text:** Klein, David R. *Organic Chemistry*, 1st Edition (Wiley ISBN: 9780471756149).
- Recommended:** Klein, *Organic Chemistry, Student Study Guide and Solutions Manual*, 1st Edition (Wiley ISBN: 9780471757399) and a molecular modeling set.
- Advice:** Even though my lecture notes will be posted on Sakai, you must make your own 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! Memorization may work for nomenclature, but little else.**
- Lectures:** MWF period 4 (10:40-11:30 AM) in LEI 207
- Progress Exams:** Exam 1 Wednesday, September 19th; Exam 2 Monday, October 22nd; and Exam 3 Friday, November 30th (all in class)
- Final Exam:** Exam Group 11A - Tuesday, December 11th 7:30 – 9:30 AM in LEI 207
- Office Hours:** MWF period 3 (9:35-10:25 AM) and MWF period 5 (11:45 AM-12:35 PM)
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 will be posted on Sakai.
- 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:** This class is small, and it is essential to your training. I will get to know each one of you and will become concerned if you are absent. I look forward and welcome your consistent, constant attendance.
- Etiquette:** **Cell/smart phone use is strictly prohibited at all times in the classroom.** Please adjust your phone so that it does not ring.

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!**

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	1	Concept Review – General Chemistry
Aug 27, 29, and 31	2	Molecular Representations, Notation, and Architecture
Sep 5, 7, and 10	3	Acids and Bases – Critical for understanding reactivity
Sep 12, 14, and 17	4	Hydrocarbons – Alkanes and Cycloalkanes
Sep 19	1-4	Progress Exam 1
Sep 21, 24, and 26	5	Stereoisomerism – Spatial Arrangements
Sep 28, Oct 1, and 3	6	Thermodynamics (stability), Kinetics (reactivity), and Mechanisms
Oct 5, 8, and 10	7	Substitution (S_N1 and S_N2) Reactions
Oct 12, 15, 17, and 19	8	Alkenes and Elimination (E_1 and E_2) Reactions, and catch-up
Oct 22	1-8	Progress Exam 2
Oct 24, Oct 26, and 29	9	Alkenes and Addition Reactions
Oct 31 and Nov 2	10	Alkynes
Nov 5 and 7	11	Radical Reactions
Nov 14 and 16	12	Synthetic Strategies
Nov 19, 26, and 28	13	Alcohols and Phenols
Nov 30	1-13	Progress Exam 3
Dec 3 and 5	14	Ethers and Epoxides
Dec 11	1-14	Final Exam 7:30-9:30 AM (Breakfast at 7:00 AM in LEI 207)