

Instructor: Dr. Laura Peterson
Contact Information: laura.peterson@chem.ufl.edu; Office: SIS328B; Phone: 352-294-1364
Class Time/Location: MWF, 9:35AM – 10:25AM (3rd period)
Classroom: Flint 50

Course Description: The second half of the CHM 2210/2211 sequence, intended for majors and pre-professional students. This class will continue coverage of fundamental concepts of organic chemistry, including infrared (IR) and nuclear magnetic resonance (NMR) spectroscopy, the structure and reactivity of organometallic compounds, aldehydes, ketones, carboxylic acids and their derivatives, enolates, aromatic compounds and amines.

Prerequisites: CHM2210 or the equivalent with a minimum grade of C (2.0).

Recommended Textbook: Brown, Iverson, Anslyn, Foote. *Organic Chemistry, Eighth Edition*, Brooks Cole Learning, 2017. (ISBN 1305580354)

Recommended Study Guide: Iverson, Iverson. *Student Study Guide and Solutions Manual for Brown/Iverson/Anslyn/Foote's Organic Chemistry, 8th Edition*, Brooks Cole, 2017. (ISBN 1305864506)

Publishers Website/Where to buy: www.cengagebrain.com/course/3414420

Recommended Workbook: Organic Chemistry II Workbook, available at Target Copy. Copy for use during office hours also available.

E-Learning Website: All students will have access to the e-Learning website (Canvas): <https://lss.at.ufl.edu>

You will login with your Gatorlink account username and password. General course information, important announcements, office hours, handouts, exam keys, and practice problems will be posted here.

Office Hours and Related:

Dr. Peterson's Office Hours (SIS328/SIS340, Subject to Change):

Monday: 10:40AM – 12:35PM
Wednesday: 10:40AM – 11:30AM

Undergrad TA's Office Hours (JHH 203/205; Subject to Change):

*Schedule will be posted to Canvas

Organic Chemistry Learning Center (OCLC) TA Office Hours: Monday - Friday 9:00-4:00;
JHH203/205; a more specific schedule will be posted on Canvas

Exams and Grading:

Three Progress Exams (100 points each)

Cumulative Final Exam (150 points)

Total = 450 Points

There will be three regular progress exams given in assembly (**8:20-9:50PM, 90 mins**) during the semester. Each exam will be cumulative but will emphasize material covered following the previous exam. The exam dates are listed on the last page of the syllabus.

Final Exam: The final examination will be cumulative. The final exam is scheduled by the University for **Monday, December 9th 7:30AM-9:30AM**. No one will be allowed to take the final exam early.

Please bring and display your Gator1 Student ID card for exams.

Exam room assignments will be posted to Canvas prior to each exam.

Your grade will be calculated out of 450 total points and the following grading scale will be used:

A = 91+; **A-** = 89 – 90; **B+** = 86 – 88; **B** = 80 – 85; **B-** = 77 – 79; **C+** = 72 – 76; **C** = 60 – 71;
C- = 55 – 59; **D** = 45 – 54, **E** = < 45.

** The instructor reserves the right to change the grading scale at any point during the semester.

Exam Absence Policy: This course administers all conflicts with scheduled assessments and examinations in accord with the University policy (<https://catalog.ufl.edu/UGRD/academic-regulations/attendance-policies/>). As such, certain unavoidable absences by students from examinations are allowed, if properly documented and disclosed to Dr. Peterson **at least one week** before the anticipated conflict. Such allowed absences include, but are not limited to, religious observances, sanctioned sporting events, military obligations, and court-imposed legal obligations. In such cases, students will be given the opportunity to take a conflict exam before the scheduled exam for the class, given the student provided documented notice to Dr. Peterson one week in advance of the scheduled exam date.

Missing an exam due to an emergency or sudden illness: If you are absent for an exam due to an unpredicted documented medical reason or family emergency, you must contact the instructor as soon as possible, and you may be asked to have your excuse verified by the Dean of Students Office (DSO). Your instructor will follow UF academic regulations in evaluating the notification and/or documentation received by you or by the DSO on your behalf. Once your instructor is satisfied with the validity of your exam absence a make-up exam will be scheduled after a reasonable amount of time, i.e., before the end of the semester. If your documentation is deemed insufficient to excuse your absence you will receive a zero on the missed exam.

Regrading: If you have a question concerning the grading of an exam, you may submit the entire exam for complete regrading. Your score may increase or decrease accordingly. The exam must be submitted, with the cover page (found on Canvas) describing the perceived error within the timeframe set forth in class. Please note that your exams may be photocopied prior to being returned to you.

Practice Problems: Practice problems will be assigned from the questions at the end of each chapter. In addition, additional practice problems are found in the "Organic Chemistry II Workbook". Homework assignments will not be collected or graded. However, completion and understanding of the practice problems will be of critical importance to succeeding in this course. Typically, a student, in order to be successful, will need to spend **1-2 hours per day** studying and "practicing" for this course.

Suggested Chapter homework problems will be posted on the E-Learning site. The "Organic Chemistry II Workbook" can be printed at Target Copy or is available for use during office hours.

Classroom Etiquette: Disruptive behavior, loud talking, and other activities that interfere with other students ability to learn will not be tolerated

Advising Issues: Visit or contact one of the chemistry undergraduate advisors.

Website: <https://www.chem.ufl.edu/undergraduate/academic-advisors/>

Email: advising@chem.ufl.edu

Accommodations for Students with Disabilities: Students with disabilities requesting accommodations should first register with the Disability Resource Center (352-392-8565, www.dso.ufl.edu/drc) by providing appropriate documentation. Once registered, students will receive an accommodation letter which must be presented to the instructor when requesting accommodations.

Course Evaluation: Students are expected to provide feedback on the quality of instruction in this course by completing online course evaluations at <https://evaluations.ufl.edu>. Evaluations are typically open during the last two or three weeks of the semester, but students will be given specific times when they are open. Summary results of these assessments are available to students at <https://evaluations.ufl.edu/results>.

UF Honor Code:

The UF Student Honor Code (see [http://www.dso.ufl.edu/sccr/process/student-conduct-honor-code for details](http://www.dso.ufl.edu/sccr/process/student-conduct-honor-code-for-details)):

We, the members of the University of Florida community, pledge to hold ourselves and our peers to the highest standards of 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."

Honor Code violations include copying on an exam (or helping another student to copy) and/or turning in an exam for regrading that has been changed since it was graded by the instructor.

Any student found responsible for an academic honesty violation in this course will receive a '0' for the compromised exam.

Tentative Schedule:

Note: The material covered on each exam will depend on how far we are in class. The schedule below is a *rough* guideline.

Week	Chapter(s)	Topics
Week 1 (8/19)	12	Course Introduction, CHM2210 Review, IR Spectroscopy
Week 2 (8/26)	13	NMR Spectroscopy
Week 3 (9/2)	15	Organometallic Compounds
Week 4 (9/9)	16	Aldehydes and Ketones
Week 5 (9/16)	16	Aldehydes and Ketones
TBD	EXAM 1	8:20 – 9:50 PM
Week 6 (9/23)	17	Carboxylic Acids
Week 7 (9/30)	18	Derivatives of Carboxylic Acids
Week 8 (10/7)	18	Derivatives of Carboxylic Acids
Week 9 (10/14)	19	Enolate Anions and Enamines
Oct. 16	EXAM 2	8:20 – 9:50 PM
Week 10 (10/21)	19	Enolate Anions and Enamines
Week 11 (10/28)	20	Dienes, Conjugated Systems, Pericyclic Reactions
Week 12 (11/4)	20	Dienes, Conjugated Systems, Pericyclic Reactions
Week 13 (11/11)	21	Benzene and Aromaticity
Week 14 (11/18)	22	Reactions of Benzene
TBD	EXAM 3	8:20 – 9:50 PM
Week 15 (11/25)	22	Reactions of Benzene
Week 16 (12/2)	22	Reactions of Benzene
Dec. 9	Final Exam	7:30 – 9:30 AM

We will not have class on 9/2, 10/4, 11/11, 11/27, 11/29 due to University recognized holidays/events. We will also not have class on the following days due to having evening exams: TBD