

Instructor: Dr. Laura Peterson

Contact Information: laura.peterson@ufl.edu; Office: Flint 255; Phone: 352-273-0550.

Class Time/Location: Monday, Wednesday, Friday; 1:55-2:45 PM (7th 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 the structure and reactivity of organometallic compounds, aldehydes, ketones, carboxylic acids and their derivatives, enolates, aromatic compounds and amines.

Prerequisites: CHM 2210 or the equivalent with a minimum grade of C (2.0).

Required Textbook: Brown, Foote, Iverson, Anslyn. *Organic Chemistry, Seventh Edition*, Brooks/Cole, 2014. (ISBN 1133952844)

Required Study Guide: Iverson, Iverson. *Student Study Guide and Solutions Manual*, Brooks/Cole, 2014. (ISBN 1285052617)

Publishers Website/Where to buy: <http://www.cengagebrain.com/course/1-23PFZ4Z>

Supplementary Sources/Textbooks: Organic Chemistry Textbooks by: Smith; Carey; Wade; and/or McMurry

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 (Subject to Change):

Mon 10am-12pm

Wed 10am-12pm

Thurs 9am-11am

Undergrad TA's (Office hours TBA on Canvas):

Phil Mackie

Hunter Davis

Jonathan Wilson

Woowon Choi

Sara Brenner

In addition to office hours, the UGTA's will hold exam reviews and provide supplementary practice worksheets before exams.

Organic Chemistry Learning Center (OCLC) TA Office Hours: Monday - Friday 9:00-4:00; Flint 258; a more specific schedule will be posted on Canvas.

Exams:

Four Exams (100 points each; the lowest exam score will be dropped; 300 points total)

Final Exam (150 points; the final exam score cannot be dropped)

Total = 450 Points

Exams: Exams will be taken in the evenings outside of class. There will be NO make-up exams given. If you miss a single exam with an unexcused absence (see section titled "Exam Absence Policy"), the

resulting exam grade (zero) will be the one exam score that is dropped. If you miss another exam, a grade of zero will be assigned for that exam, and it will not be dropped.

EXAM DATES (8:20-10:10 PM):

Feb. 1
Feb. 24
March 28
April 18

Room assignment for exams will be posted one week prior to the exam date (on Canvas)

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

Final Exam: The final examination will be cumulative and the grade cannot be dropped. The final exam is scheduled by the University for **Thursday, April 28th, 10:00 AM – 12:00 PM** and will be held in Flint 50. No one will be allowed to take the final exam early.

Exam Absence Policy: This course administers all conflicts with scheduled assessments and examinations in accord with the University policy. 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.

No exams will be administered to absent or otherwise compromised students for a grade *after* the established and scheduled exam time.

Unpredicted absences due to medical emergencies are not covered under the above conflict exam policy. If the condition warranting the absence at a scheduled exam is unexpected, relatively minor, and can be recovered from in short order, the student must provide verifiable documentation of the medical emergency to Dr. Peterson within one week of the scheduled assessment date. If proper, verifiable documentation of the medical emergency is presented and proven acceptable to Dr. Peterson at the time the student is ready to return to class, the final exam score will be used to count as the score for the missed exam.

The dropped exam policy allows the students lowest exam score to be omitted, without any documentation or justification needed. Therefore, a student can be absent from one exam without having to provide the detailed documentation or prior notification required for the absences detailed above.

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 a cover page describing the perceived error, for regrading no later than one week after the exam was returned to the class (i.e. if the exam was returned on Wednesday, the regrade must be submitted no later than the following Wednesday). Please note that your exams may be photocopied prior to being returned to you.

Homework: Homework problems will be assigned from the questions at the end of each chapter. Homework assignments will not be collected or graded. However, completion and understanding of the homework problems will be of critical importance to succeeding in this course. Typically, a student, in order to be successful, will need to spend **2-3 hours per day** studying and completing homework for this course.

Students will also have access to online, supplemental practice problems (OWL). Instructions are posted on the E-Learning site.

Final Grade Assignments: Your final grade will be assigned based on a curve that is determined at the end of the course. Approximate grade cutoffs will be posted following each of the four exams so that you know where you stand throughout the semester.

Classroom Etiquette: Cell phone or other small electronic device use of any sort is strictly prohibited in the lecture hall at all times. Hats may not be worn during exams.

Dropping the Course: Visit or contact one of the chemistry undergraduate coordinators (<http://www.chem.ufl.edu/ugrad/advisors.shtml>):

Dr. Tammy Davidson, 429 SIS, davidson@chem.ufl.edu

Dr. Benjamin J. Killian, 202A LEI, killian@chem.ufl.edu

Accommodations for Students with Disabilities: Students requesting classroom accommodation must first register with the Dean of Students Office. The Dean of Students Office will provide documentation to the student who must then provide this documentation to the instructor when requesting accommodation.

UF Honor Code:

The UF Student Honor Code (see <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 forfeit any applicable exam drop policy and be recommended sanctions consistent with the offense.

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.

Date(s)	Chapter	Topics
Jan. 6	15	Course Introduction
Jan. 8, 11	15	Organometallic Compounds
Jan. 13, 15	16	Aldehydes and Ketones
Jan. 18	HOLIDAY	NO CLASS
Jan. 20, 22	16	Aldehydes and Ketones
Jan. 25, 27, 29	16	Aldehydes and Ketones
Feb. 1	Exam Day	NO REGULARLY SCHEDULED CLASS
FEB 1	EXAM 1	Ch. 15-16
8:20 – 10:10 PM		
Feb. 3, 5, 8, 10	17	Carboxylic Acids
Feb. 12, 15, 17, 19	18	Derivatives of Carboxylic Acids
Feb. 22, 24	18	Derivatives of Carboxylic Acids
FEB 24	EXAM 2	Ch. 17-18
8:20 – 10:10 PM		
Feb. 26	NO CLASS	NO CLASS
Feb. 29 – March 4	SPRING BREAK	NO CLASS
Mar. 7, 9, 11	19	Enolate Anions and Enamines
Mar. 14, 16, 18	19	Enolate Anions and Enamines
Mar. 21, 23, 25	20	Dienes, Conjugated Systems, Pericyclic Reactions
March 28	Exam Day	NO REGULARLY SCHEDULED CLASS
MARCH 28	EXAM 3	Ch. 19-20
8:20 – 10:10 PM		
Mar. 30	21	Benzene and Aromaticity
April 1	21	Benzene and Aromaticity
April 4, 6, 8, 11, 13	22	Reactions of Benzene
April 15, 18	23	Amines
APRIL 18	EXAM 4	Ch. 21-23
8:20 – 10:10 PM		
April 20	NO CLASS	NO CLASS
April 22	READING DAY	NO CLASS
April 28	FINAL EXAM	CUMULATIVE
10:00 AM – 12:00 PM in FLINT 50		