

Instructor: Dr. Laura Peterson

Contact Information: laura.peterson@ufl.edu; Office: SIS328B; Phone: 352-294-1364

Class Time/Location:

Section 4356: MWF 1:55PM-2:45PM (7th Period)

Section 4830: T 10:40AM-11:30AM (4th Period); R 10:40AM-12:35PM (4-5th Period)

Section 9186: T 11:45AM-1:40PM (5-6th Period); R 12:50PM-1:40PM (6th Period)

Classroom: Flint 50

Course Description: The first half of the CHM 2210/2211 sequence, intended for majors and pre-professional students. A study of the structures, syntheses, and reactions of organic compounds.

Prerequisites: CHM 2046 and CHM 2046L

Required 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: <http://services.cengagebrain.com/course/site.html?id=2765936>

Recommended Model Set: A molecular model set is highly recommended. Links to specific modeling kits can be found on the E-Learning website.

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.

TopHat: TopHat subscription *required* for in-class response questions (more info below).

Office Hours and Related:

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

Monday, Wednesday 9:00 AM – 11:00 AM

Tuesday 9:00 AM – 10:00 AM

Thursday 2:15 PM – 3:15 PM

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

In addition to office hours, the UGTA's will hold exam reviews and provide supplementary practice worksheets before exams. The schedule will be posted to Canvas prior to the first exam.

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

Grades: Grades will be determined as follows:

4 Progress Exams (350 total points*):	97%
In-class questions (Tophat):	3%
Total:	100%

Grade Cutoffs:

A = 92-100	C+ = 77-79
A- = 90-91	C = 69-76
B+ = 87-89	C- = 65-68
B = 82-86	D = 50-64
B- = 80-81	E = < 50

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

Exams: There will be four regular progress exams given in assembly (**8:20-9:50PM**, 90 mins) during the semester.

*The lowest score of the **FIRST THREE** regular progress exams will be worth only 50 pts (weighted at $\frac{1}{2}$ credit). i.e. if your exam scores for Exams 1-3 are: 90, 80, 70, your average of the first three exams would be $90+80+(70/2)$ out of 250 possible points ($100+100+(100/2)$). The fourth progress exam is not eligible for the weighted score procedure.

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

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

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, given the student provided documented notice to Dr. Peterson one week in advance of the scheduled exam date.

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 Exam 4 score will be used to count as the score for 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, 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.

TopHat: Three percent of the course grade will be based on *participation* in in-class clicker questions. You will earn the full 3% of the course grade if you participate in 80% of the Tophat questions over the course of the semester.

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 **1-2 hours per day** studying and completing homework for this course.

Suggested chapter homework and other practice problems will be posted on the E-Learning Canvas site.

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

Dropping the Course: 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 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 receive a '0' for the compromised exam and forfeit any applicable exam drop policy.**

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 (8/20)	1	Course Introduction, Covalent Bonding, Shapes of Molecules
Week 2 (8/27)	1, 4	Covalent Bonding, Shapes of Molecules, Acids and Bases
Week 3 (9/3)	2	Alkanes
Week 4 (9/10)	3	Stereochemistry
Sept. 17	EXAM 1	
Week 5 (9/17)	5	Alkenes: Naming and Properties
Week 6 (9/24)	6	Reaction of Alkenes
Week 7 (10/1)	6, 7	Reaction of Alkenes, Alkynes
Week 8 (10/8)	7	Alkynes
Oct. 10	EXAM 2	
Week 9 (10/15)	7	Alkynes
Week 10 (10/22)	8	Haloalkanes, Halogenation, Free Radical Reactions
Week 11 (10/29)	9	Nucleophilic Substitution and β -Elimination
Week 12 (11/5)	9	Nucleophilic Substitution and β -Elimination
Nov. 6	EXAM 3	
Week 13 (11/12)	10	Alcohols
Week 14 (11/19)	10	Alcohols
Week 15 (11/26)	11	Ethers and Epoxides
Week 16 (12/3)	11	Ethers and Epoxides
Dec. 5	EXAM 4	
ALL EXAMS ARE ADMINISTERED 8:20 – 9:50 PM		