

**CHM 2200 – Fundamentals of Organic Chemistry (3 credit hours)**  
**Spring 2021 – Class numbers 22953 and 28336**

**Instructor:** Dr. Tammy A. Davidson, [davidson@chem.ufl.edu](mailto:davidson@chem.ufl.edu), Sisler 429B  
Please use Canvas or your official UF email for any correspondence

**Office Hours (via Zoom):** Monday, Wednesday, and Thursday 10:00-11:00am. See Canvas site for Zoom link.

**Course Description:** This is an elementary one semester organic chemistry course that will expose students to the more important aspects of organic chemistry. The course is intended for people in programs requiring only one semester of organic chemistry. It is not appropriate for chemistry majors or pre-professional students who require two semesters of organic chemistry.

**Prerequisites:** A passing grade in the final semester of general chemistry (CHM 2046 or its equivalent) is a prerequisite for this course. This course, CHM 2200, is not a prerequisite for CHM 2210 (the first semester of the 2 semester organic sequence), nor does it permit a student to go directly to CHM 2211 (the second semester of the 2 semester organic sequence).

**Course Delivery:** *Class number 22953:* Face-to-face lectures in Flint 50 on MWF, period 2 (8:30am-9:20am)  
*Class number 28336:* Asynchronous online delivery

The lectures given during the face-to-face meetings will be recorded, posted to the course Canvas site, and made available to all students.

**Computer Requirements:** You will require a computer with an internet connection and a functional webcam and microphone for Honorlock proctored exams.

**Text:** W.H. Brown, "Introduction to Organic Chemistry, 5<sup>th</sup> Edition," John Wiley and Sons (2014), recommended  
W.H. Brown, "Student Solutions Manual for Introduction to Organic Chemistry, 5<sup>th</sup> Edition," John Wiley and Sons (2014), optional

**Canvas Site:** <http://elearning.ufl.edu>. Login with Gatorlink ID and password. This site will be updated periodically with announcements, practice materials, exams, grades, and other information.

**COVID-19 Policies for Face-to-Face section:** In response to COVID-19, the following policies and requirements are in place to maintain your learning environment and to enhance the safety of our in-classroom interactions.

- You are required to wear approved face coverings at all times during class and while inside buildings. Following and enforcing these policies and requirements are all of our responsibility. Failure to do so will lead to a report to the Office of Student Conduct and Conflict Resolution.
- In order to maintain physical distancing (at least 6 feet between individuals), please utilize the designated seating areas and maintain appropriate spacing between students.
- Practice physical distancing to the extent possible when entering and exiting the classroom.
- **If you are sick, stay home.** We are counting on everyone to follow this simple policy in order to maintain the health and safety of everyone involved with this course.
- If you are experiencing COVID-19 symptoms ([Click here for guidance from the CDC on symptoms of coronavirus](#)), please use the UF Health screening system and follow the instructions on whether you are able to attend class. [Click here for UF Health guidance on what to do if you have been exposed to or are experiencing COVID-19 symptoms](#).
- Course materials will be provided to you, and you will be given a reasonable amount of time to make up work. [Find more information in the university attendance policies](#) and in the Attendance section of this syllabus.

**Exams:** Exams in this course will reflect (and sometimes be identical to) the problems given in the text. There will be three progress exams given on the following dates during the term:

Progress Exam 1 – Friday, February 5

Progress Exam 2 – Friday, March 5

Progress Exam 3 – Wednesday, March 31

Exams will be given online via the Canvas site. Students who miss an exam due to extreme, unusual circumstances (serious illness requiring doctor's attention, death in the family, etc.) need to contact the instructor **within 24 hours of missing the exam to discuss their makeup options, and also need to provide proper documentation (doctor's excuse, funeral program, etc.) for the absence.** Please note that inadequate preparation because of other academic or extracurricular obligations is not considered to be a viable excuse for special consideration.

**Final Exam:** The final exam for this course is scheduled on **Friday, April 30<sup>th</sup> from 12:30-2:30 PM** and will be given in Canvas. The final exam will be semi-cumulative and will cover ideas presented throughout the semester.

**Grading Information:** Every student has a bad day from time to time. Therefore, this course is designed to allow you to make some mistakes along the way without your grade plummeting. Before final grades are calculated, the average of your three progress exams will be used to substitute for your lowest progress exam score. Please note that any exam that is not attempted will be recorded as a grade of zero. This being said, you should take each exam seriously, and do your best. Grades are calculated based on three progress exam scores, worth 100 points each, plus the final exam, also worth 100 points, for a total of 400 points available in this course. The grading scale will be set as follows: A  $\geq$  90.0%, A- = 87.0-89.9%, B+ = 84.0-86.9%, B = 77.0-83.9%, B- = 73.0-76.9%, C+ = 70.0-72.9%, C = 63.0-69.9%, C- = 60.0-62.9%, D+ = 57.0-59.9%, D = 50.0-56.9%, E < 50.0%. There will not be a curve beyond that already included within the grading scale. UF policies for assigning grade points can be found on the Registrar's webpage.

**Attendance and Lecture Etiquette:** Requirements for class attendance and make-up exams, assignments, and other work in this course are consistent with university policies that can be found in the Undergraduate Catalog at: <https://catalog.ufl.edu/ugrad/current/regulations/info/attendance.aspx>.

Although attendance will not be taken, you'll find it is easier to keep up with the course if you are attending lecture regularly. You'll also find that you will do better if you are actively engaged in the class without distraction from personal electronics. Students in the face-to-face section should plan to attend all lectures and arrive to the classroom on time. Online students should plan a regular time that they devote to watching the recorded lectures.

**HonorLock Proctoring for Exams:** HonorLock is an online proctoring service that will be used to remotely proctor your quizzes this semester. You do not need to create an account. HonorLock is available 24/7 and all that is needed is a computer, a working webcam and microphone, and a stable Internet connection. To get started, you will need to use Google Chrome as your browser, and you need to install the HonorLock Chrome Extension. You can download the extension at [www.honorlock.com/extension/install](http://www.honorlock.com/extension/install). For additional information and best practices, see the HonorLock Student Guide at <https://distance.ufl.edu/media/dceufledu/pdfs/Honorlock-Student-Guide-UF-Update.pdf>.

When you are ready to test, log into Canvas, go to your course, and click on your exam. Clicking "Launch Proctoring" will begin the HonorLock authentication process, where you will take a picture of yourself, show your ID, and complete a scan of your room. HonorLock will be recording your exam session by webcam as well as recording your screen. HonorLock also has an integrity algorithm that can detect search-engine use, so please do not attempt to search for answers, even if it is on a secondary device.

HonorLock support is available 24/7/365. If you encounter any issues, you may contact them by live chat, phone (844-243-2500), and/or email (support@honorlock.com).

**A Plan for Success:** In order to be successful in this course, you must be able to apply what you have learned to new situations. The best way to acquire this skill is to work review problems every day. A lot of problems. The more problems you attempt, the more you will learn. All of the study problems contained within the main text of the chapter should be worked. Furthermore, it is strongly recommended that you take the “Quick Quiz” at the end of the chapter, and then start working the end-of-chapter “Problems”. Do as many as you can...try at least three or four problems in each section. (A great way to study is to do the odd numbered problems as we move through the chapter, then go back and do the even numbered ones as a way to review for the exams.) Answers and explanations for the problems can be found in the Solutions Manual. Additional help with the problems can be obtained during office hours. Please note that homework will not be collected or graded.

**Tentative Schedule:** The course will cover chapters 1-10 and 12-14, and the schedule below will be followed as closely as possible:

Week	Dates	Reading	Topic
1	January 11, 13, 15	Syllabus, Ch. 1	<b>Note: Class on January 11 will meet via Zoom to go over course syllabus and policies.</b> <b>Ch. 1:</b> Covalent Bonding and Shapes of Molecules
2	January 18	<b><i>Martin Luther King, Jr. Day – no classes</i></b>	
	January 20, 22	Ch. 2, 3	<b>Ch. 2:</b> Acids and Bases <b>Ch. 3:</b> Alkanes and Cycloalkanes
3	January 25, 27, 29	Ch. 3	<b>Ch. 3:</b> Alkanes and Cycloalkanes
4	February 1, 3	Ch. 4	<b>Ch. 4:</b> Alkenes and Alkynes
	February 5	<b>EXAM 1 (Friday)</b>	Chapters 1-4
5	February 8, 10, 12	Ch. 5	<b>Ch. 5:</b> Reactions of Alkenes and Alkynes
6	February 15, 17, 19	Ch. 5,6	<b>Ch. 6:</b> Chirality: The Handedness of Molecules
7	February 22, 24, 26	Ch. 6,7	<b>Ch. 7:</b> Haloalkanes
8	March 1, 3	Ch. 7	<b>Ch. 7:</b> Haloalkanes
	March 5	<b>EXAM 2 (Friday)</b>	Chapters 5-7
9	March 8, 10, 12	Ch. 8	<b>Ch. 8:</b> Alcohols and Ethers (no thiols covered)
10	March 15, 17, 19	Ch. 9	<b>Ch. 9:</b> Benzene and Its Derivatives
11	March 22	Ch. 8	<b>Ch. 9:</b> Benzene and Its Derivatives
	March 24	<b><i>Spring Recharge Day – no class</i></b>	
	March 26	Ch. 10	<b>Ch. 10:</b> Amines
12	March 29	Ch. 10	<b>Ch. 10:</b> Amines
	March 31	<b>EXAM 3 (Wednesday)</b>	Chapters 8-10
	April 2	Ch. 12	<b>Ch. 12:</b> Aldehydes and Ketones
13	April 5, 7, 9	Ch. 12	<b>Ch. 12:</b> Aldehydes and Ketones

14	April 12, 14, 16	Ch. 13, 14	<b>Ch. 13:</b> Carboxylic Acids <b>Ch. 14:</b> Functional Derivatives of Carboxylic Acids
15	April 19, 21	Ch. 13, 14	(plus Organic Polymers if time allows)
	April 30	<b>FINAL EXAM – 12:30-2:30 PM via Canvas</b>	

**Honor Code:** The following statements taken from the University of Florida Honor Code apply to all work in this course.  
*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.*

**Special Needs:** Any student with a special need for an accommodation in test-taking or note-taking should register with the Dean of Students Office. That office will provide the student with documentation for presentation to the instructor. Anyone anticipating the need for special accommodation should speak with the instructor early in the semester.

**Good luck, and don't be afraid to ask for help if you need it!!**