

- Instructor:** Prof. Ronald K. Castellano (office: Sisler Hall 201A; phone: 352-392-2752)
- E-Contact:** *Through Canvas (e-Learning) only*
- Required:** *Textbook:* Klein, David R., *Organic Chemistry*, 4<sup>th</sup> Edition (Wiley) and *WileyPLUS* (available through [UFALLACCESS](#))
- Recommended:** (1) Klein, David R., *Organic Chemistry, Student Study Guide and Solutions Manual*, 4<sup>th</sup> Edition (Wiley; ISBN: 978-1-119-65952-5); (2) molecular modeling kit
- Meeting Details:** Lectures will be offered M, W, F, 4<sup>th</sup> period (10:40–11:30 a.m.) in **CCB 221**
- Progress Exams:** February 15<sup>th</sup>, March 22<sup>nd</sup>, and April 24<sup>th</sup> (locations to be announced on e-Learning)
- Final Exam:** May 2<sup>nd</sup> (3:00–5:00 p.m.) in **CCB 221**
- e-Learning Website:** <https://elearning.ufl.edu/> (*updated regularly with announcements, exam scores and information, practice material, handouts, and lecture notes/videos from class*). Please check often to make sure that you do not miss important announcements and to ensure that your gradebook is accurate.
- Office Hours:** *Prof. Castellano:* M, T, W (1–2 p.m.) in **Leigh Hall 328**. Private meetings with Prof. Castellano are available by appointment. *Undergraduate and Graduate TAs:* Schedules will be posted on e-Learning ASAP.
- Course Objective:** To understand the structures, syntheses, and reactions of organic compounds.
- Course Approach:** Class sessions will involve content delivery, review, problem solving, and discussion.

#### Course Assignments and Grading:

<i>Assignment/Assessment</i>	<i>Points</i>	<i>Percentage</i>
WileyPLUS online homework	50	10%
Progress exams	300 (100 each)	60% (20% each)
Cumulative final exam	150	30%
<b>TOTAL</b>	<b>500</b>	<b>100%</b>

**WileyPLUS Online Homework:** The WileyPLUS assignments are available through the e-Learning Assignments tab and will consist of selected problems and will be graded on **timeliness and completeness, not correctness**. Each homework assignment has a deadline (11:59 p.m.), typically on a date shortly after its corresponding chapter has been completed in class. Late homework assignments will be accepted, **but with a 50% score reduction if submitted less than one week after the due date and 100% reduction (i.e., zero credit) thereafter**.

**Progress Exams:** Exams will be administered 8:20–10:10 p.m. (periods E2–E3) on exam days. The location and specific textbook sections to be covered will be announced via e-Learning. Exams will be partially cumulative (this is unavoidable in this course) but will heavily emphasize material covered since the previous exam.

**Final Exam:** A **cumulative** final exam will be administered in this course. The final exam will be administered 3:00–5:00 p.m. on Tuesday, May 2<sup>nd</sup> (the final exam day/time established by The Office of the University Registrar) in CCB 221.

**Exam Letter Grades and Course Final Grades:** Your letter grades will be based on a class “curve” that is developed throughout the course. I will do my best to keep each of you informed as to your performance in the class as we go along. For example, approximate letter grade cut-offs will be posted following each of the exams.

Grades will be assigned in accordance with University policy: <https://catalog.ufl.edu/UGRD/academic-regulations/grades-grading-policies/>.

**Policy on Exam Conflicts and Makeups:** This course administers all **conflicts** with scheduled exams in accord with University policy (<https://catalog.ufl.edu/UGRD/academic-regulations/attendance-policies/>). University recognized conflicts include, but are not limited to, religious observances, participation in official university activities, military obligations, and court-imposed legal obligations. Students will be given the opportunity to take a *conflict exam*, which will be given shortly *before* the scheduled exam provided that the conflict is a) properly documented and b) disclosed to Prof. Castellano *at least one week before* the scheduled exam.

**Unpredicted absences** due to illness or a significant personal/family emergency are not covered under the above conflict exam policy. A student who is absent for an exam in this case must contact the instructor as soon as they are able and must submit documentation to the Dean of Students Office (<https://care.dso.ufl.edu/instructor-notifications/>). Once the instructor is satisfied with the validity of the documentation, a make-up exam will be scheduled after a reasonable amount of time, i.e., before the end of the semester. If the student's documentation is deemed insufficient to excuse the absence, a score of zero will be assigned for the missed exam. Exams missed without any documentation will be assigned a score of zero.

**Exam Scoring Disputes:** If you find a scoring error on an exam, the deadline for reporting this to Prof. Castellano is within **one week** of the graded exam being released. **Important note:** If a scoring issue is identified, the **entire exam** will be reviewed by Prof. Castellano to ensure accuracy and your score may increase or decrease accordingly.

#### **Other Information and Policies:**

**Approach to the Course:** This course will move fast. Try and allow at least 2 hours **per day** (6 days a week) to study, work the problems and practice material, and read the book chapters. Please do not wait until the last minute to ask for help. As you know, organic chemistry is a challenging course, but it is completely manageable if you **work hard and practice!**

**Contacting the Instructor/Office Hours:** All electronic communication must occur through e-Learning. Be prepared before attending office hours; bring specific questions and your previous work. Questions about grades will not be discussed during office hours due to privacy regulations. Direct private or grade-related questions to Prof. Castellano using the e-Learning message function. Do not email outside of e-Learning to Prof. Castellano's email address.

**Additional Practice:** In addition to assigned online homework, additional practice materials (including practice exam questions) will be provided/suggested. There are also resources available through the Wiley Course Resources on the e-Learning site. There are tons of problems, quizzes, and exams on the internet as well. It is your responsibility to use this material and read the book—**this is essential for being successful in the course and will help you on the exams.**

**Attendance:** Although attendance/participation will not be a part of your grade, you are expected to attend, and participate in, the class sessions. All members of the class are expected to be courteous and professional in all communication and discussions.

**Diversity and Inclusion Statement:** It is the intention of this course that students from diverse backgrounds and perspectives be well-served, that students' learning needs be addressed both in and out of class, and that the diversity that students bring to this class be viewed as a resource, strength, and benefit. The goal is for all materials and discussions will be respectful of diversity: gender identity, sexuality, disability, age, socioeconomic status, ethnicity, race, nationality, religion, and culture. Any concerns or suggestions along these lines can be communicated directly with Prof. Castellano and are encouraged and appreciated.

### **Resources:**

- *Disability Resources:* Students with disabilities requesting accommodations should first register with the Disability Resource Center (352-392-8565, <https://disability.ufl.edu/>) by providing appropriate documentation. Students with disabilities should follow this procedure as early as possible in the semester.
- *Diversity and Inclusion:* [UF College of Liberal Arts and Sciences](#)
- *Division of Student Affairs* (Counseling, Dean of Students Office): <https://ufsa.ufl.edu/>.
- *Course evaluation process:* Students are encouraged to provide feedback on the quality of instruction in this course by completing online evaluations at <https://ufl.bluera.com/ufl/>. 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.
- *Need help dropping this class?* Visit ONE.UF and select “After Deadline – Add/Drop Classes” under Registration in the main menu. If you have questions or need help with this process, please reach out to the advising office in your college.
- Your well-being is important to the University of Florida. The U Matter, We Care initiative (<https://umatter.ufl.edu/>) is committed to creating a culture of care on our campus by encouraging members of our community to look out for one another and to reach out for help if a member of our community is in need. If you or a friend is in distress, please contact [umatter@ufl.edu](mailto:umatter@ufl.edu) (or call 352-294-2273) so that the U Matter, We Care Team can reach out to the student in distress. The U Matter, We Care Team can help connect students to the many other helping resources available including, but not limited to, Victim Advocates, Housing staff, and the Counseling and Wellness Center. In case of emergency, call 9-1-1.

**Copyright Notice:** All handouts used in this course are copyrighted and may not be copied without the instructors’ expressly granted permission. ‘Handouts’ include all materials generated for this class, which include but are not limited to syllabi, exams, quizzes, problems, in-class materials, review sheets, problem sets, or other materials. Tutors and tutoring services are expressly forbidden from copying any of these materials without prior written permission. Only students currently enrolled in the class may make a single copy of this material for their personal use.

### **Student Honor Code:**

UF students are bound by *The Honor Pledge* which states, “We, the members of the University of Florida community, pledge to hold ourselves and our peers to the highest standards of honor and integrity by abiding by the *Honor Code*. 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.” The Honor Code (<https://sccr.dso.ufl.edu/policies/student-honor-code-student-conduct-code/>) specifies a number of behaviors that are in violation of this code and the possible sanctions. Furthermore, you are obligated to report any condition that facilitates academic misconduct to appropriate personnel. If you have any questions or concerns, please consult Prof. Castellano. **Any student found responsible for an academic honesty violation in this course will be recommended sanctions consistent with the offense.**

**CHM2213 Organic Chemistry 2 for Majors  
Spring 2023 (23388)  
Tentative Course Schedule**

Color code: No class; Homework (HW) due; Exam; Lecture

<b>Date</b>	<b>Chapter Number: Title</b>
1/9	14: Infrared Spectroscopy and Mass Spectrometry
1/11	14
1/13	14
1/16	<i>Martin Luther King, Jr. Day</i>
1/18	14
1/20	15: Nuclear Magnetic Resonance Spectroscopy
1/23	15 Ch. 14 HW due
1/25	15
1/27	16: Conjugated Pi-Systems and Pericyclic Reactions
1/30	16
2/1	16 Ch. 15 HW due
2/3	16
2/6	16
2/8	16
2/10	17: Aromatic Compounds ( <i>pre-recorded video</i> )
2/13	17 Ch. 16 HW due
2/15	17 <b>Exam #1</b>
2/17	18 Aromatic Substitution Reactions
2/20	18
2/22	18 Ch. 17 HW due
2/24	18
2/27	19: Aldehydes and Ketones
3/1	19
3/3	19 Ch. 18 HW due
3/6	19
3/8	19 and/or TBA
3/10	<i>Class Cancelled</i>
3/13	<i>Spring Break</i>
3/15	
3/17	
3/20	20: Carboxylic Acids and Their Derivatives Ch. 19 HW due
3/22	20 <b>Exam #2</b>
3/24	20
3/27	20 and/or TBA
3/29	21: Alpha Carbon Chemistry: Enols and Enolates
3/31	21 Ch. 20 HW due
4/3	21

4/5	21
4/7	21
4/10	21
4/12	21 and/or TBA
4/14	22: Amines
4/17	22
	Ch. 21 HW due
4/19	22
4/21	23: Introduction to Organometallic Compounds
4/23	Ch. 22 HW due
4/24	23
	<b>Exam #3</b>
4/26	23
4/27	<b>Reading Days</b>
4/28	
5/1	Ch. 23 HW due
5/2	<b>Final Exam</b> (3:00–5:00 p.m., CCB 221)