

CHEM 273 – Organic Chemistry II (Syllabus)

Summer term, 7/6 – 8/13, 2021 M,T,W,R,F 10:30 to 11:45AM, CRN 90739.

Prerequisite: Chem 272 (C grade or better)

Instructor: **Dr. Jeff Romine**

Office: 321A Bilger Hall

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Text: “Organic Chemistry” 4th Edition by David Klein, Wiley (required).

Access to **WileyPlus** (required): Homework is assigned and graded online using the WileyPlus system:

Two options:

WileyPlus access codes include e-textbook:

a) Single term access code: ISBN 9781119760986

b) Single term access code with FULL print loose-leaf: ISBN 9781119761105

*To register go to www.wileyplus.com/go/login. Click “Sign up now” to create an account. You will be asked to enter your course section ID (**A27354**) for **Organic Chemistry, 4e Summer 21 part 2nd session**. Find your course and complete the registration process. If you already have a WileyPLUS account, log in and click the yellow ‘Add more courses’ button. You will be asked to enter your course section ID (**A27354**).*

Note: If you are repeating 273 and already have the 3rd edition, then you can request access at no additional cost here: <https://www.wileyplus.com/wp-access/>.

Please direct all questions/issues to Wiley Student Customer Support: 877-762-2974

LIVE CHAT: <https://support.wileyplus.com/s/contactsupport>

Course Description: This course covers chapter 13 through 22, and chapters 24-25. The intent is for students to gain a basic understanding of organic chemistry, including spectroscopy, reactions, nomenclature, structures, pKa, aromaticity, etc., enabling further study in chemistry and related disciplines. Online instruction will be conducted asynchronously using PowerPoint voiceovers for lectures posted on YouTube. Students are expected to watch the lectures, read the corresponding chapters, and do homework.

Exam Schedule:

July 13 (Tue) Chapters 14 – 15; Midterm 1 (150 pts)

July 21 (Wed) Chapters 13, 16, 17; Midterm 2 (150 pts)

August 2 (Mon) Chapters 18 – 20; Midterm 3 (150 pts)

August 13 (Fri) Chapters 21, 22, 24, 25; Final exam (200 pts)

Exam Format:

Exams will be administered via the WileyPlus system. Students must adhere to the exam protocol (Laulima Resources page). Exams are proctored over Zoom. All midterm exams begin at 10:30 AM and end at 11:45 AM. The final exam is 2 hours, ending at 12:30 PM.

Zoom

Exams are proctored in Zoom by teaching assistants and the course instructor. All students must have a functioning webcam. A few minutes before the start of each exam students must log into a Zoom session and share their screens. Chromebooks, iPads, and phones cannot be used for exams. The sessions may or may not be recorded.

Web Cam

All students must have a working webcam set up on their laptop or desktop computer. Exams cannot be taken with phones or tablets.

Emporium

Tutoring is available at the Emporium (See Laulima course resource page).

Office Hours

Correspondence with the Instructor to discuss course requirements or grades is via email.

Homework (60 points)

Online homework is assigned in the WileyPlus system. Assignments range from 25 to 35 points per chapter will be scored on a percentage basis of 60 points toward your grade. All homework is due the evening before midterm/final exams. There is a penalty for late submissions.

Final grades will be determined after dropping the lowest midterm, averaging, and determining %. Total possible: 450 (three exams) $- 150$ (dropped exam) $= 300$ (midterms) $+ 200$ (final exam) $+ 60$ (homework) $= 560$ points

[%: A+ 96-100; A 91-95; A- 86-90; B+ 81-85; B 76-80; B- 71-75; C+ 66-70; C 61-65; C- 56-60; D+ 51-55; D 46-50; D- 41-45; F 0-40]

Academic Misconduct: Students are expected to meet academic standards, conducting themselves maturely and respecting the academic community at UH. The primary objective for students enrolled in university courses is NOT to obtain high grades, but to master the material. Your grades reflect how well you have met this objective and provide you with a means of assessment. Do you need more study? Do you need tutorial help? Should you change your major? Your grades assist you in making these decisions. Academic dishonesty, as in cheating, renders your grades a meaningless tool for this important assessment process.

Professionalism: It is important to know boundaries. It is okay to inquire about a particular score or grading mark for the sake of clarification, which should not happen often. Occasionally,

mistakes do happen and they can be corrected. It is altogether another thing to plead for points, and to do this often would certainly reflect poorly upon you. It is great when students try hard and want to be rewarded for their effort, but expend your effort by learning the material well.

No Makeup Exams: Timeliness is of the essence. In order that all students be given consistent treatment, exams must be taken on the assigned test date - plan and prioritize your activities accordingly. Your lowest exam will be dropped. This allows you to miss one exam due to illness or family emergency without affecting your grade.

Disabilities: Students with conditions requiring test accommodations are to contact the KOKUA Program (the Office for Students with Disabilities). KOKUA can be reached at (808) 956-7511 or (808) 956-7612 (voice/text) in Room 013 of the Queen Lili'uokalani Center for Student Services.

Learning tips: The lecture material constitutes the course. In order to facilitate thoughtful contemplation of the material, I plan to post my slides before each lecture. My suggestion is to print them and write your notes right on the slides. By carefully listening to lectures students glean a first exposure to the material. The lecture is then augmented by a careful reading of each chapter, doing the homework assignments, and reviewing the material before exams.

Problems: There is no substitute for problem solving. It is indispensable to learning organic chemistry. When solving problems, my suggestion is that you attempt the optional practice problems first without reference to answer keys. This is the best way to sharpen critical thinking skills. However, this implies that the material must be fresh in your mind, and it will be when working on the problems shortly after hearing the lecture and reading the chapter. Once you are comfortable with the material, then work through the graded problem set. It is good to spend time writing out structures and reagents, drawing mechanism, and thinking through the principles at hand. If you do not acquire an ease with drawing structures you will find it more difficult when called upon to do so for an exam. Pencil and paper are valuable implements. Allowing yourself to fall behind won't favor the 'spending of time' writing out structures and mastering mechanisms. This will diminish your learning experience. Summer sessions are fast paced. It is important to keep up.