COURSE NUMBER: 1408

UCONN
UNIVERSITY OF CONNECTICUT

Organic Chemistry: CHEM 2443-70
Department of Chemistry

Syllabus – Summer 2023

Excluding materials for purchase, syllabus information may be subject to change. The most up-to-date syllabus is located within the course in HuskyCT.

Program Information

Enrollment Requirements: CHEM 1128, 1138, 1148, or 1126 (1126 may be taken concurrently).
Only two credits after passing CHEM 2241.
Not open to students who have passed CHEM 2444, 2446, 4370.
Repeat restrictions apply- see http://advising.uconn.edu/repeat-policy/ for info.

Course and Instructor Information

Course Title: Organic Chemistry
Credits: # 3
Format: Hybrid, students can take this course in person or remotely (Synchronnous).
Prerequisites: Any one of the following courses: CHEM 1128, 1138, 1148, or 1126 (1126 may be taken concurrently).

Professor: Anwar Beshir
Email: anwar.beshir@uconn.edu (preferred method of contact)
Office: CHEM A-210
Telephone: 860-486-6610 (office)
Office Hours/Availability: **Tu, W and Th 3:00 – 4:00 PM** or by appointment

Lecture: **T, W and Th 1:00 PM - 3:00 PM** in **CHEM A-203**
Live Stream: https://uconn-cmr.webex.com/meet/abb06004

I will use two of the scheduled three lecture times for flipped classroom (doing problem solving). You are expected to come prepared for class activity.

Course Materials

Required course materials should be obtained before the first day of class.

Required textbooks are available for purchase through the UConn Bookstore (or use the Purchase Textbooks tool in HuskyCT).

Required Materials:

Textbook: (**Course ID is fy6qbg**)

- ✓ ORG CHEM (LL) 7E W/ACHIEVE 2TRM- ACCESS (Loudon, 7th ed, ISBN:9781319467630) **or**
- ✓ ACHIEVE FOR ORG CHEM 7E 2TRM W/SSM – AC (Loudon, 7th ed, ISBN: 9781319477875)
  This 2 term Achieve access code includes an ebook of the text and student solutions manual

Optional Materials:
Molecular visions Organic **Model kit**, **ISBN:** *9780964883710.*
Additional course readings and media are available within HuskyCT, through an Internet link.

Course Description

Structure and reactions of the simpler classes of the compounds of carbon.

Course Objectives

By the end of the semester, students should be able to:

To describe the structure and reactivity of the major classes of organic compounds, and to develop the skills to solve elementary problems in organic chemistry. Upon completing the course, students will have the ability to analyze some organic reactions and predict the outcome of reactions, even ones that have not explicitly been discussed.

Course Outline

We will be covering chapters 1 – 12 from Loudon 7th ed.

Course Requirements and Grading

Summary of Course Grading:

Course Components	Points (Weight)
Assignment	50
Homework	50
Class activity	100
Adaptive Quizzes	100
Weekly quizzes	100
Two Exams	200
Final	200
TOTAL	**800**

Class activity

Ten Class activities will be given during lecture. Each activity is worth **10 pts**. (04 pts. for participation and 06 pts. for correctness).

- ✓ There will be **one make-up class activity at the end of the semester** for all students who missed any of the 10 class activities for acceptable reason.

Homework

Online homework will be assigned on Top Hat for all chapters covered in lecture. Each homework has a due date, and you MUST complete your work before the due date. I will drop the lowest two homework **grades, but you have to do all. Each homework is worth 05 pts.**

To register, go to: https://achieve.macmillanlearning.com/courses/fy6qbg and follow instructions.

Adoptive quizzes

Each chapter will have adoptive quiz provided by achieve. Each quiz is worth 10 points and has specific due date. You get 100% (**10/10**) if you reach the **target score** and zero if you don't reach target score.

Quizzes

- Five quizzes (worth 20 pts. each) will be given on huskyCT on the following days from **1:00-1:10 PM**:
- There will be one cumulative make-up quiz at the end of the semester for all students who missed any of the five quizzes for acceptable reason.

	DTAE	COVERAGE: Lectures from
QUIZ 1	Th June 01st	May 30th – May 31st
QUIZ 2	Th June 08th	June 1st – June 07th
QUIZ 3	Th June 15th	June 14th
QUIZ 4	Th June 22nd	June 15th – June 21st
QUIZ 5	W July 05th	June 22nd – July 04th

Extra quiz will be given at the end of the semester to replace the lowest quiz grade.

Exam reviews: will be given on the days shown below from **2:15 – 3:00 PM**.

Exams: will be given on huskyCT on the days shown below from **1:00 PM - 2:15 PM.**

	Review session	EXAM DTAE	COVERAGE: Lectures from
EXAM 1	Th June 08th	Tuesday June 13th	May 30th – June 08th
EXAM 2	Th June 22nd	Tuesday June 27th	May 13th – June 22nd
FINAL	W July 06th	Thursday July 06th	Cumulative

Grading Scale:

Grade	Letter Grade
93.0-100.0%	A
90.0-92.99%	A-
87.0-89.99%	B+
83.0-86.99%	B
80.0-82.99%	B-
74.0-79.99%	C+
66.0-73.99%	C
60.0-65.99%	C-
57.0-59.99%	D+
53.0-56.99%	D
50.0-52.99%	D-
0.00-49.99%	F

The instructor reserves the right to offer final grade modifiers (in favor of students) to the entire class using objective criteria as desired at any time during the course. Should additional modifiers be invoked, they will be announced during regularly scheduled lectures.

Extra credit:

You will be given unannounced extra credit opportunities (worth **24 pts**. (**3%**) of total grade) in class. You will get maximum **16 pts**. (**2%)** if you miss one and **8 pts. (~1%**) if you miss two. You will not get credit if you miss three or more. No make-up for missed extra credit.

Assignments:

Two assignments worth **25 pts**. each will be given after covering **CH-10**.

Due Dates and Late Policy

All course due dates are identified in the course website, syllabus, Sapling and/or on specific work assigned. Deadlines are based on Eastern Time; if you are in a different time zone, please adjust your submittal times accordingly. *The instructor reserves the right to change dates accordingly as the semester progresses. All changes will be communicated in an appropriate manner.*

Please contact me if you need an extension. I will try to accommodate your request. If you do not contact me in advance, expect your grade to be lowered at least by one full grade per day of lateness.

Accommodation for illness or extended absences:

If you are experiencing any illness, please remain at home, and if you start feeling unwell during a class, please leave and go home. In the event that your illness prevents you from attending class, it is your responsibility to inform me as soon as possible. You are not obligated to disclose the specific details of your illness, but we will need to collaborate to determine how you can complete your coursework during your absence.

In case personal circumstances are affecting your ability to concentrate on your courses and your overall experience at UConn, you can reach out for support by sending an email to the Dean of Students at dos@uconn.edu.

Feedback and Grades

I will make every effort to provide feedback and grades in 48 hours. To keep track of your performance in the course, refer to My Grades in HuskyCT.

Weekly Time Commitment

You should expect to dedicate minimum of 21 hrs. a week to this course. This expectation is based on the various course activities, assignments, and the University of Connecticut's policy regarding credit hours. More information related to hours per week per credit can be accessed at the Online Student website.

Assessment

Most assessments will be done online (huskyCT and achieve). **You need to have a working computer** to take quizzes, exams, and to do activities, and extra credit. Check the software and technical requirements for the course at the end of page 5.

Student Authentication and Verification

The University of Connecticut is required to verify the identity of students who participate in online courses and to establish that students who register in an online course are the same students who participate in, complete the course activities and assessments, and receive academic credit. Verification and authentication of student identity in this course will include:

Secure access to the learning management system using your unique UConn NetID and password.

Student Responsibilities and Resources

As a member of the University of Connecticut student community, you are held to certain standards and academic policies. In addition, there are numerous resources available to help you succeed in your academic work. Review these important standards, policies and resources, which include:

- The Student Code
  - Academic Integrity
  - Resources on Avoiding Cheating and Plagiarism
- Copyrighted Materials
- Credit Hours and Workload
- Netiquette and Communication
- Adding or Dropping a Course
- Academic Calendar
- Policy Against Discrimination, Harassment and Inappropriate Romantic Relationships
- Sexual Assault Reporting Policy

- This course places great importance on active and attentive engagement. It is vital to actively participate in order to make the most of your learning experience. Effective participation entails completing all assigned readings before class, being ready to engage in meaningful discussions, and drawing connections between various concepts. Your attendance in class is essential for participation, as absences will hinder your ability to contribute and ultimately affect your academic progress negatively. Should there be any exceptional circumstances leading to your absence, kindly reach out to me via email. Even though I am available to help, it is your responsibility to catch up on the content covered in any missed classes.

- **Copyright:** My lectures, lecture notes, study guides and assessments are protected by state and federal copyright laws. Students are authorized to use the resources for their own personal use. You are not authorized to record my lectures, discussions, weekly reviews sessions and office hours. Posting of any of my materials including, lecture video, lecture notes, handouts, exams, quizzes and assignments to any website and social media site violates this policy.

Students with Disabilities

The University of Connecticut is committed to protecting the rights of individuals with disabilities and assuring that the learning environment is accessible. If you anticipate or experience physical or academic barriers based on disability or pregnancy, please let me know immediately so that we can discuss options. Students who require accommodations should contact the Center for Students with Disabilities, Wilbur Cross Building Room 204, (860) 486-2020 or http://csd.uconn.edu/.

- **Please talk to me after the first class if you have accommodation for double time in exams and quizzes.**

Blackboard measures and evaluates accessibility using two sets of standards: the WCAG 2.0 standards issued by the World Wide Web Consortium (W3C) and Section 508 of the Rehabilitation Act issued in the United States federal government." (Retrieved March 24, 2013 from Blackboard's website).

Software/Technical Requirements (with Accessibility and Privacy Information)

The software/technical requirements for this course include:

- HuskyCT/Blackboard (HuskyCT/ Blackboard Accessibility Statement, HuskyCT/ Blackboard Privacy

Policy)
- Adobe Acrobat Reader (Adobe Reader Accessibility Statement, Adobe Reader Privacy Policy)
- Google Apps (Google Apps Accessibility, Google for Education Privacy Policy)
- Microsoft Office (free to UConn students through uconn.onthehub.com) (Microsoft Accessibility Statement, Microsoft Privacy Statement)
- Dedicated access to high-speed internet with a minimum speed of 1.5 Mbps (4 Mbps or higher is recommended).
- Webcam
- Lockdown browser

For information on managing your privacy at the University of Connecticut, visit the University's Privacy page.

NOTE: This course has NOT been designed for use with mobile devices.

How to succeed in this course:

We believe in the potential of every student to excel in this course, and we are committed to supporting you every step of the way. Please don't hesitate to reach out with any questions or concerns, or to attend office hours. We value all your inquiries, as they contribute to your success in this program.

We understand that your personal health and well-being are crucial factors in your academic achievements. College life can be challenging, and stress is a normal part of the experience. Unexpected obstacles or life changes outside the classroom can add to that stress. We encourage you to view challenges as steppingstones towards success. Take the time to reflect on how you can prioritize self-care throughout the semester, even before the demands of exams and projects peak.

If you encounter any difficulties that may impact your performance in this course or your campus life, please feel free to contact me as soon as possible. It's important to address these issues before they become overwhelming. Additionally, besides your academic advisor, I highly recommend reaching out to the various support services available on campus. They are ready and willing to assist you in any way they can.

Help

Technical and Academic Help provides a guide to technical and academic assistance.

This course is completely facilitated online using the learning management platform, HuskyCT. If you have difficulty accessing HuskyCT, you have access to the in person/live person support options available during regular business hours through the Help Center. You also have 24x7 Course Support including access to live chat, phone, and support documents.

Minimum Technical Skills

To be successful in this course, you will need the following technical skills:

- Use electronic mail with attachments.
- Save files in commonly used word processing program formats.
- Copy and paste text, graphics or hyperlinks.
- Work within two or more browser windows simultaneously.
- Open and access PDF files.

University students are expected to demonstrate competency in Computer Technology. Explore the Computer Technology Competencies page for more information.

Evaluation of the Course

Students will be provided an opportunity to evaluate instruction in this course using the University's standard procedures, which are administered by the Office of Institutional Research and Effectiveness (OIRE).