COURSE NUMBER: 1622

UCONN
UNIVERSITY OF CONNECTICUT

Organic Chemistry: CHEM 2443-02
Department of Chemistry

Syllabus – Fall 2022

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: In person
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: **MWF 11:00 – 12:00 PM** or by appointment
Please go to (https://nexus.uconn.edu) → student sign-in → net id and password → schedule appointment → search by department → Chemistry → Choose person → Beshir, Anwar
Lecture: MWF 10:10-11:00 AM in **CAST 212**

I will use maximum 2 of the scheduled lecture times for flipped classroom (doing problem solving). You are expected to come prepared for class activity.

- ✓ **Weekly review sessions:** will be given on **Fridays 3:00 – 4:30 PM in MCHU 202**. Topics covered during the week will be reviewed using examples and practice questions.

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:

- ✓ 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)
Class activity	60
Homework	50
Adaptive Quizzes	100
Weekly quizzes	140
Three Exams	300
Final	200
TOTAL	**850**

Class activity

Class activities will be given for each chapter during lecture. Each activity is worth **05 pts**. (2 pts. for participation and 3 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 12 class activities for acceptable reason.

Homework

Each chapter will have online homework provided by achieve. Lowest two homework grades will be dropped. Each homework is worth **05 pts**.
To register, go to: https://achieve.macmillanlearning.com/courses/px7dyw 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

Weekly quizzes will be given on huskyCT every **Wednesday** from **10:10-10:20 AM** except during exam week. Each quiz is worth **14 pts**. Quizzes are not cumulative.

- ✓ There will be **one cumulative make-up quiz at the end of the semester** for all students who missed any of the ten quizzes for acceptable reason.
- ✓ **Extra quiz** will be given at the end of the semester to replace the lowest quiz grade.

Exams: will be given on huskyCT on **Fridays** during lecture time **10:10 – 11:00 AM.**

Exam reviews: will be given on **Tuesdays 6:00 – 7:30 PM. (Exam week) in PBB 131.**

Final Exam review: will be given on **Friday Dec 9th, 3:00 – 4:30 PM.**

	Review session	EXAM DTAE	COVERAGE: Lectures from
EXAM 1	Sep 20th	Sep 23rd	**Aug 29 – Sep 19**
EXAM 2	Oct 18th	Oct 21st	**Sep 21 – Oct 17**
EXAM 3	Nov 15th	Nov 18th	**Oct 19 – Nov 14**
FINAL	Dec 9th	Finals week (TBA)	**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

Extra credit:

You will be given unannounced extra credits (worth **3% (26 pts.)** of total grade) in class. You will not get credit if you miss more than one of the extra credits offered. You get maximum **2% (17 pts.)** if you miss one. **No make-up** for missed extra credit.

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.*

You will be given enough time to complete adaptive quizzes and homework. Late submissions are **NOT** accepted.

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 9-12 hours 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 bring a working computer** to every lecture to do class activity, quiz, exam, and extra credit.

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

- Attendance at lectures is expected. You are responsible for **announcements** and **all material presented in lecture including, worksheets for class activity, slides and relevant sections in the textbook. You are expected to watch pre-lecture videos, read power point slides posted in huskyCT and read sections in the textbook before you come to lecture.**

- 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/.

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.

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).

Safety: For your safety during lectures, office hours and review sessions, you are expected to follow university COVID-19 guidelines. https://covid.uconn.edu/campus-guidelines#