

Introduction to Organic Chemistry

CHEM 42/44 | CRN: 61895/61896

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Office: Innovation E337

Lecture & Lab: ONLINE via Blackboard

Office Hours: by appointment (Microsoft Teams)

Exams: Fridays ONLINE via Blackboard

Course Description

This Summer lectures, exams, quizzes, AND labs are all online. Material will include basic principles of organic chemistry including:

- bonding
- hybridization
- resonance theory
- isomerism
- conformations of cyclic and acyclic alkanes
- stereoisomerism
- chirality
- optical properties of stereoisomers
- nomenclature, reactions, and mechanisms of functional groups

You will find each of our six modules in the Course Materials section of our Blackboard page. Each module will contain a list of objectives, assignments/expectations, and any relevant files.

This is a six week, accelerated course in Organic Chemistry. If you are taking CHEM 042 (4 credits), you will have a lab component (which has its own Blackboard page maintained by your TA). If you are taking CHEM 044 (3 credits), you will have the lecture portion of the course only and you will not have a lab page to visit on Blackboard.

Time management:

You can expect to spend at least 2 hrs/day for 30 days working on this course. Organic chemistry is like eating an elephant. You cannot do it all in one sitting... please get ready to take many small bites.

Required Course Materials

1) Textbook & Online Component

→ Text

Organic Chemistry: A Short Course; Hart, *et al*; 13th Edition (ISBN: 978-1111425562)

→ Online Component

We will be using the Top Hat (www.tophat.com) learning platform for homework quizzes.

You can visit the Top Hat Overview (<https://success.tophat.com/s/article/Student-Top-Hat-Overview-and-Getting-Started-Guide>) within the Top Hat Success Center which outlines how you will register for a Top Hat account, as well as providing a brief overview to get you up and running on the system.

An email invitation will be sent to you by email, but if don't receive this email, you can register by simply visiting our course website: <https://app.tophat.com/e/890178>

*Our Course Join Code is 890178.

Top Hat may require a paid subscription, and a full breakdown of all subscription options available can be found here: www.tophat.com/pricing.

Should you require assistance with Top Hat at any time, due to the fact that they require specific user information to troubleshoot these issues, please contact their Support Team directly by way of email (support@tophat.com), the in app support button, or by calling 1-888-663-5491.

Recommended Course Materials:

Organic Chemistry Molecular Model Kit (these help some people visualize molecules three dimensionally when they have trouble seeing 3D from 2D drawings)

Exams

Five weekly online exams will take place on Fridays. You will have two hours to complete your exam once you begin. Please realize that once the two hours expires, the exam will shut down regardless of completion. There are no re-takes or makeups for these weekly exams. They will become available to you at 12:00am EST each Friday and they will close at 6:00pm EST the same day. You may log in to take your exam any time during this range but please leave yourself the whole two hours to finish (i.e. do not log in at 5pm to begin because you will not finish in time). A grade of zero will be assigned to any student who misses an exam. Please do not ask for an extension. Plan your schedule to accommodate these exams.

Quizzes

There will be ten graded quizzes (best 10 out of 11) during the semester. These will occur once we finish a chapter and will be found online, on Top Hat.

Students have one day to complete each quiz. The quizzes take only about 20 min to complete so no extended time will be given, regardless of the excuse. Once the deadline passes, the quiz closes and you get the grade you get for the work you've completed. If you do not take the quiz or forget to submit your work, you will not be able to redo it.

Lab

Students enrolled in CHEM 042 must complete the laboratory component of the course. Attendance is mandatory and anyone missing more than two experiments will receive an F for the course. Only the academic dean of your college may assign an incomplete. An unexcused absence will result in a zero for the laboratory experiment. Due to the accelerated nature of Summer courses, lab makeups are not possible. This Summer we will be conducting all laboratory experiments virtually via **labflow.com**. Your lab fees will cover the cost.

Final Exam

Your final exam will be available online via Blackboard at 12:00am on 8/7/20. The due date and time for this exam is 6:00pm on 8/7/20. Once you begin the final exam, you will have 2 hrs 45 min to complete it. The exam is scheduled to auto-submit your results after this time period, regardless of progress. So please plan accordingly. This exam is comprehensive and will include Chapter 11 material.

Grading

Exams*:	5 exams @ 75pts. ea.	375pts.	37.5%
Online Quizzes**:	10 quizzes @ 12.5pts. ea.	125pts.	12.5%
Final Exam***:	comprehensive	250pts.	25.0%
Labs:	10 experiments	250pts.	25.0%

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Total Course		1,000pts	100%
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* No exam grades will be dropped. If one of your three mid-semester exams is lower (percentage wise) than your final exam, the percent you have earned on the final will substitute for that *single lowest* exam.

** Homework quiz due dates are posted in the course schedule at the end of this document.

***You must take the final exam to pass the course.

Accommodations

Student Learning Accommodations Statement

"In keeping with University policy, any student with a documented disability interested in utilizing accommodations should contact ACCESS, the office of Disability Services on campus. ACCESS works with students to create reasonable and appropriate accommodations via an accommodation letter to their professors as early as possible each semester." Contact ACCESS: A170 Living/Learning Center - 802-656-7753

[ACCESS](#)

[policy on disability certification and student support](#)

[policy on academic integrity](#)

[code of student rights and responsibilities](#)

[center for health and wellbeing](#)

[counseling and psychiatry services](#)

If you are concerned about a UVM community member or a specific event, we encourage you to contact the Dean of Students Office at (802) 656-3380.

If you would like to remain anonymous, you can report your concerns online by visiting the Dean of Students website at: [student affairs \(anonymous\)](#)

Course Schedule

Module	Dates	Chapter(s)	Quizzes/Exams
1	6/29 – 7/3	1 & 2	<p>Chapter 1 Quiz due 6/30 @ 11:30pm</p> <p>.....</p> <p>Chapter 2 Quiz due 7/2 @ 11:30pm</p> <p>.....</p> <p>Exam 1 (Ch 1 & 2) 7/3 (opens @ 12:00am ; closes @ 6:00pm)</p>
2	7/6 – 7/10	3 & 4	<p>Chapter 3 Quiz due 7/7 @ 11:30pm</p> <p>.....</p> <p>Chapter 4 Quiz due 7/9 @ 11:30pm</p> <p>.....</p> <p>Exam 2 (Ch 3 & 4) 7/10 (opens @ 12:00am ; closes @ 6:00pm)</p>
3	7/13 – 7/17	5 & 6	<p>Chapter 5 Quiz due 7/14 @ 11:30pm</p> <p>.....</p> <p>Chapter 6 Quiz due 7/16 @ 11:30pm</p> <p>.....</p> <p>Exam 3 (Ch 5 & 6) 7/17 (opens @ 12:00am ; closes @ 6:00pm)</p>
4	7/20 – 7/24	7 & 8	<p>Chapter 7 Quiz due 7/21 @ 11:30pm</p> <p>.....</p> <p>Chapter 8 Quiz due 7/23 @ 11:30pm</p> <p>.....</p> <p>Exam 4 (Ch 7 & 8) 7/24 (opens @ 12:00am ; closes @ 6:00pm)</p>
5	7/27 – 7/31	9 & 10	<p>Chapter 9 Quiz due 7/28 @ 11:30pm</p> <p>.....</p> <p>Chapter 10 Quiz due 7/30 @ 11:30pm</p> <p>.....</p> <p>Exam 5 (Ch 9 & 10) 7/31 (opens @ 12:00am ; closes @ 6:00pm)</p>
6	8/3 – 8/7	11	<p>Chapter 11 Quiz due 8/4 @ 11:30pm</p> <p>.....</p> <p>Final Exam (opens 8/7 @ 12:00am ; closes 8/9 @ 6:00pm)</p>

Modules can be found on Blackboard using the Course Materials link.

****all times are EST****