

## Introduction to Organic Chemistry

CHEM 42/44 | CRN: 61582/61583

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Office: Innovation E337

Lecture: ONLINE via Microsoft Teams

Office Hours: Thursdays by appointment (Microsoft Teams)

Exams: Fridays ONLINE via Blackboard

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### Course Description

Lectures, exams, and quizzes are 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

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 working on this course outside of lecture and lab time. Organic chemistry is like eating an elephant. You cannot do it all in one sitting... please get ready to take many small bites.

## Course Materials

### *Required*

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

### *Recommended*

Organic Chemistry Molecular Model Kit (these help some people visualize molecules three dimensionally when they have trouble seeing 3D from 2D drawings)... *find one online for under \$20*

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## Exams

Five weekly online exams will take place on Fridays via Blackboard. *Please check the course schedule at the end of this syllabus for dates.*

You will have **three hours to complete your exam** once you begin. Any work submitted after your three hours is over will not be counted for credit. These are 1.0-1.5 hr exams offered over 3.0 hrs. As such, everyone is being given double time for the five exams and **extended time accommodations will not apply.**

Please be mindful of when you begin and allow a couple of minutes at the end, *before your time is set to expire*, for Blackboard to accept your last answer. For instance, this means that you should *not* begin your exam at 6pm and submit your last answer at *exactly* 9pm because it is likely that Blackboard will not grade your last question. If something like this happens, Blackboard will mark the entire exam LATE.

**There are no re-takes or makeups for these weekly exams.** They will become available to you at 12:00am VT time each Friday and they will close at 11:59pm VT time the same day. You may log in to take your exam any time during this range but please leave yourself enough time to finish. For example, you will not have three hours to complete the exam if you log in at 10pm the day it is due.

**A grade of zero will be assigned to any student who misses an exam, regardless of the reason.** If you open the exam, you must take it. Once you have opened the exam, it counts as being seen. Requests to re-start at another time will not be answered. Plan your schedule accordingly.

## Quizzes

There will be ten graded quizzes (best 10 out of 11) during the semester. These will be available on our Blackboard page at 12am on the Monday of each new week and will become unavailable for credit at 11:59pm the Thursday of the same week. We will cover two chapters per week for the first five weeks and the last chapter at the beginning of the sixth and final week of the course. Each quiz will focus on a single chapter and will contain ten multiple choice questions.

**Students have four full days to complete each pair of quizzes.** The quizzes are untimed and take only about 20 min each to complete. **No extensions or credit for late work 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 make it up.

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## 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 for lab. 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.** Laboratory experiments will be conducted in person, on campus, every Wednesday from 9am – 4pm.

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## Final Exam

Your final exam will be **available online via Blackboard at 12:00am on 8/13/21. The due date and time for this exam is 11:59pm on 8/13/21.** 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. Students with documented accommodations must have their letters into ACCESS before the date of the final exam in order to receive extended time on the final.

## Grading

Exams*:	5 exams @ 75pts. ea.	375pts.	37.5%
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.

### Examples

If these are your exam scores: 54pts, 60pts, 63pts, **48pts**, 57pts (282/375... 75%)

And you score 200pts on the final (80%)

Then your new total will be: 54pts, 60pts, 63pts, **60pts**, 57pts (294/375... 78%)

If you miss a weekly exam and your scores look like this: 54pts, **0pts**, 63pts, 48pts, 57pts (222/375... 59%)

And you score 200pts on the final (80%)

Then your new total will be: 54pts, **60pts**, 63pts, 48pts, 57pts (282/375... 75%)

**You may not replace a missed exam AND another exam score with the final. A missed exam will be your lowest exam score. If you miss more than one weekly exam, only one of them will be replaced by the final, percentage wise.**

If these are your exam scores: **0pts**, 60pts, 63pts, 48pts, **0pts** (282/375... 75%)

And you score 200pts on the final (80%)

And your new total will be: **60pts**, 60pts, 63pts, 48pts, **0pts** (231/375... 62%)

\*\* 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

Week	Chapter	Lecture (MS Teams)	Quiz	Lab	Exam	Office Hours
1	1	Mon 7/5 @ 9:00am	Quizzes 1 & 2 available	Weds 7/7 from 9am-4pm	Exam 1 (Ch 1 & 2)	Thurs 7/8
	2	Tues 7/6 @ 9:00am	7/5 @ 12am – 7/8 @ 11:59pm	<i>on campus</i>	Friday 7/9: 12am – 11:59pm	MS Teams
2	3	Mon 7/12 @ 9:00am	Quizzes 3 & 4 available	Weds 7/14 from 9am-4pm	Exam 1 (Ch 3 & 4)	Thurs 7/15
	4	Tues 7/13 @ 9:00am	7/12 @ 12am – 7/15 @ 11:59pm	<i>on campus</i>	Friday 7/16: 12am – 11:59pm	MS Teams
3	5	Mon 7/19 @ 9:00am	Quizzes 5 & 6 available	Weds 7/21 from 9am-4pm	Exam 1 (Ch 5 & 6)	Thurs 7/22
	6	Tues 7/20 @ 9:00am	7/19 @ 12am – 7/22 @ 11:59pm	<i>on campus</i>	Friday 7/23: 12am – 11:59pm	MS Teams
4	7	Mon 7/26 @ 9:00am	Quizzes 7 & 8 available	Weds 7/28 from 9am-4pm	Exam 1 (Ch 7 & 8)	Thurs 7/29
	8	Tues 7/27 @ 9:00am	7/26 @ 12am – 7/29 @ 11:59pm	<i>on campus</i>	Friday 7/30: 12am – 11:59pm	MS Teams
5	9	Mon 8/2 @ 9:00am	Quizzes 9 & 10 available	Weds 8/4 from 9am-4pm	Exam 1 (Ch 9 & 10)	Thurs 8/5
	10	Tues 8/3 @ 9:00am	8/2 @ 12am – 8/5 @ 11:59pm	<i>on campus</i>	Friday 8/6: 12am – 11:59pm	MS Teams
6	11	Mon 8/9 @ 9:00am	Quiz 11 available 8/9 @ 12am – 8/12 @ 11:59pm	Weds 8/11 from 9am-4pm <i>on campus</i>	Final Exam (all) Friday 8/13: 12am – 11:59pm	Thurs 8/12 MS Teams

**\*\*all times are VT time\*\***