Organic Chemistry
Chemistry 141
Summer 2020

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Welcome to Organic Chemistry. The reactions and structures you learn throughout this semester are cumulative and will be applied to discussions later in the semester and into the spring.

AIMS: At the end of this course (and Chem142) a successful student will have developed skills and knowledge that allow them to answer the following questions:-
I:- Recognize the atoms and bonding present in common functional groups, their resultant chemical properties and likely reactions.
II:- Be able to create rational curved-arrow mechanisms to predict the likely products of reactions.
Students that can combine these skills will be most successful, as this skillset will allow them to communicate with scientists in many other fields.

LECTURES: live on MS Teams 9AM-11:30AM daily, and recorded
Discussion groups will be organized within Teams

EXAMS: Exams will be posted on Blackboard. You will have 2hrs within a 24hr period to complete the exam.

LABS Labs will be online using the Labflow platform. Complete within the posted date.eg
Lab 1 6am Tues 19th-11:59pm Wed 20th
Lab 2 6am Thurs 21st-11:59pm Fri 22nd

OFFICE HOURS: by appt.

COURSE SCHEDULE:

May					
Mon 18th	*Tue19th*	*Wed 20th*	*Thu 21st*	*Fri 22nd*	*Sat 23rd*
Lecture	Lecture	Lecture **Lab 1** Add/Drop	Lecture TopHat 1	Lecture **Lab 2**	TopHat 2
Mon 25th	*Tue 26th*	*Wed 27th*	*Thu 28th*	*Fri 29th*	*Sat 30th*
Holiday	**EXAM 1**	Lecture **Lab 3**	Lecture TopHat 3	Lecture **Lab 4**	TopHat 4
June *Mon 1st*	*Tue 2nd*	*Wed 3rd*	*Thu 4th*	*Fri 5th*	*Sat 6h*
EXAM 2 **Lab 5**	Lecture	Lecture **Lab 6**	Lecture TopHat 5 Withdraw	Lecture **Lab 7**	TopHat 6
Mon 8h	*Tue 9th*	*Wed 10th*	*Thu 11th*	*Fri 12th*	
EXAM 3 **Lab 8**	Lecture	Lecture	Lecture TopHat 7	**FINAL EXAM**	

ONLINE HOMEWORK: We will be using TopHat Learning for graded quizzes associated with the lectures. These must be completed by 11:55pm on the due date, no late quizzes for any reason. **Sign-up on TopHat ($35)**

REQUIRED SUPPLIES:- "*Organic Chemistry*", Klein, 3rd edition, Wiley (study guide included from UVM bookstore $145) or e-book ($135) available from vitalsource.com

Download MS Teams software will be required on your computer or iPad (it works on phones too but that's not ideal for a lecture).
A notebook is better than making notes on an iPad. Research shows you learn better, by physically writing. I will use Notability on my iPad. You should plan to write notes (there are no Powerpoints, those are boring!).

Create an account with LabFlow There are instructions on Blackboard in the Lab Folder. As you enroll in LabFlow you will need to enter your lab section. We will work this alphabetically.

Last Name	Section #	TA	TA Email
A-Co	01	Davis Martinec	Davis.Martinec@uvm.edu
Cz-Ho	02	Bryan Novas	Bryan.Novas@uvm.edu
Hu-N	03	Matt Reuter	Matthew.Reuter@uvm.edu
O-Se	04	Derek Schall	Derek.Schall@uvm.edu
Si-Z	05	Dennis Seth	Dennis.Seth@uvm.edu

RECOMMENDED:- "*Organic Chemistry I"* As a Second Language, Klein, any edition
Molecular Structure Model Kit, HGS

COURSE GRADE: The course grade will be based on three mid-semester exams and a compulsory, cumulative final exam. Of the three mid-terms the lowest grade will be dropped. No curves are applied to the mid-semester exams and the class average for the exams may vary depending on the complexity of the material. Try your best on all the exams. The final exam grade will not be dropped.

Each mid-semester exam will constitute 20% of your grade, the Final will constitute 25%, providing 65% of your course grade. The lab component of the course will deliver 25%. The final 10% will come from the TopHat online homework.

3 exams (best two mid-terms (20% each) and the final (25%))	65%
Lab grade	25%
TopHat graded homework 10%	
	100%

COURSE ETIQUETTE:

Organic chemistry has a scary reputation. It is best thought of as a new language or skill. As with any skill some people can become skillful faster than others. All of you are capable of successfully completing this course with the right attitude and determination.

Recommendations:-

1. This class will consume most of your days for the next month. Do not attempt to do this part-time. Set aside other work, research, volunteering or dog-sitting, while working on this class.
2. The best way to succeed at organic chemistry is participate in the lectures; take notes, participate, and think critically. Then work on solving problems.
3. When in a Teams lecture video and audio mute to maintain bandwidth. I will have a second chat-window open. Write in 'hand' if you want to ask a question.
4. If your audio isn't working don't press a bunch of buttons (on Teams). Restart Teams. If that doesn't work then restart your computer.
5. All course materials (both yours and mine) are protected by copyright. I cannot copy or post your written material and you cannot post any course materials such as blanks of the exam, reviews or notes online.
6. All students are expected to honor the UVM codes of conduct and academic integrity.

7. Post-bac premed students: do NOT solicit letters of recommendation. I will make offers as merited.
8. Changes to the syllabus and lab may occur. As much time/notice (as possible) will be provided if changes are required.
9. Work hard and have fun!! A.W.