Organic Chemistry
Chemistry 141
Summer 2017

Alexander (Sandy) Wurthmann
Office: Rm 111 Hill, 2nd floor tel: 656-8999
Alexander.Wurthmann@uvm.edu

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: 9AM-12PM M/T/W/Th/F, Lafayette L108
EXAMS: see below, Monday 6/26, 7/3, 7/10, and Final Friday 7/14
OFFICE HOURS: by appt.

COURSE SCHEDULE:

June					
Mon 19th	*Tue 20th*	*Wed 21st*	*Thu 22nd*	*Fri 23rd*	*Sat 24th*
		Lab 1	Sapling Ex 1	**Lab 2**	Sapling Ex 2
Mon 26th	*Tue 27th*	*Wed 28th*	*Thu 29th*	*Fri 30th*	*Sat 1st*
EXAM 1 **Lab 3**		**Lab 4**	Sapling Ex 3	**Lab 5**	Sapling Ex 4
Mon 3rd	*Tue 4th*	*Wed 5th*	*Thu 6th*	*Fri 7th*	*Sat 8th*
EXAM 2 **Lab 6**	**HOLIDAY**	**Lab 7**	Sapling Ex 5	**Lab 8**	Sapling Ex 6
Mon 10th	*Tue 11th*	*Wed 12th*	*Thu 13th*	*Fri 14th*	
EXAM 3 **Lab 9**		Lab report due	Sapling Ex 7	**FINAL EXAM**	

ONLINE HOMEWORK: We will be using Sapling 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 saplinglearning.com ($40 or $60 for both Chem141/142)

REQUIRED SUPPLIES:- "*Organic Chemistry*", Klein, 3rd edition, Wiley (study guide included from UVM bookstore $145) or e-book ($135) available from vitalsource.com
Online Access to Sapling Learning
Lab Notebook and SAFETY GLASSES
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 Sapling Learning online homework.

3 exams (best two mid-terms (20% each) and the final (25%))	65%
Lab grade	25%
Sapling Learning 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. Attend class with a clear and inquisitive attitude.
2. While in class FOCUS on understanding the material. Do NOT text, check Facebook or emails. This is a waste of your time, money, disrespectful to me and the other students around you who are trying to learn. I know everyone gets distracted at times.
3. After class review the material, read the sections in the textbook. Try the recommended problems, complete the graded online problems early so you can ask questions should you have any.
4. Speak respectfully to your fellow students, your TA and me. All the challenges presented to you are designed to encourage you to learn this valuable material.
5. Try to find answers to your own problems by checking the course syllabus, lab logistics or Blackboard. Then, if you still don't find the answer, after looking, check in with me or your TA. "Would you stand in-line to have this question answered?"
6. 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. Lectures may not be recorded without permission.
7. All students are expected to honor the UVM codes of conduct and academic integrity.
8. Post-bac premed students: do NOT solicit letters of recommendation. I will make offers as merited.
9. Work hard and have fun!! A.W.