

CHM 227 – ORGANIC CHEMISTRY I
SYLLABUS – SPRING 2020 (Revised)

Instructor: Dr. Silvana C. Ngo
Office: Beaupre 117B
Email: silvana_ngo@uri.edu
Office hours: MW 1:00 – 2:00 PM via WebEx (click on the link on our Sakai main page)

Class Meetings:
CHM 227-1: distance learning

This is a revised syllabus due to our course going to the distance learning format. Be sure to read through it carefully so that you are aware of the policies for the course.

General Information for Students

This sheet contains information about the organization of CHM 227 for this semester. It should be carefully read and retained, together with the course schedule, for future reference by each student taking the course.

Course Description/Objectives.

Organic chemistry is the study of carbon-containing compounds. CHM 227, the first of a sequence, deals with the structure, bonding and reactivity of principal classes of organic compounds. At the end of the course, students will be able to:

- Identify, name and understand the reactivity of alkanes, alkenes, alkynes, and derivatives of these compounds.
- Analyze the relationships between structure and properties of organic compounds.
- Predict the product of a reaction based on the properties of the reactants and an understanding of the mechanism.
- Write mechanisms for some common reactions.
- Do short synthesis of small molecules.
- Apply what they have learned to proceed to the second course of the sequence.

Books/Resources.

Required: Organic Chemistry by T. W. Solomons, 12th ed.

Online access to WileyPlus. This also gives you access to the ebook and the solutions manual.

Strongly recommended: A molecular model set (available from www.megamolecules.com or any other vendor).

A copy of the textbook and the solutions manual are available through the library Reserves for 2-hour use. You will need your ID to have them released to you. Ask for these items at the front desk.

Course Site.

Information for the course is posted in Sakai (<https://sakai.uri.edu/portal>). Be sure to check Sakai regularly throughout the semester.

Grading Policies.

A student's course percentage will be calculated as follows:

Exams (Average of best 3 of 4 exams)	60 %
Final Exam	16 %
Assignments:	
HW (WileyPlus)	12 %
PLA (WileyPlus)	12 %
<hr/> Total	<hr/> 100 %

Course grades will be assigned according to the scale shown:

>90 = A-/A 76 – 89 = B-/B/B+ 60 - 75 = C-/C/C+ 52 - 59 = D/D+ <52 = F

A student's grade is earned by demonstrating mastery/proficiency of the course material as evinced by the quality of the student's performance in exams and assignments. It is *not* open to negotiation nor dictated by what's needed to progress in the student's chosen program of study. **Note:** You need a C- to move on to any other chemistry course in our department!

Exam Format and Rules.

Exams will be a mix of multiple choice and short answer questions. Each exam may require you to use information and concepts learned in previous chapters, so all exams are cumulative

As we already had the first 2 exams, the remaining 2 will be administered online. These will be timed exams with limited time availability on the dates indicated (see Lecture/Exam Schedule below). To make the topics more manageable, each of the subsequent exams will be divided into 2 parts with the sum of each 2 parts counting as one exam.

Average of the best 3 of the 4 exams will count for 60% of your course grade. The final will also be administered online and will count as 16% of your course grade.

Assignments.

Assignments will be administered through WileyPlus. Information for the assignments and for registering for WileyPlus is given in Sakai.

Disability Accommodations.

Accommodations for students with disabilities are still in place. Appointments with your case manager can be set up in Starfish for virtual meetings in Google Meet. More information is available at (<http://www.uri.edu/disability/dss/>).

Help Sources.

- AEC (Academic Enhancement Center). Weekly tutoring groups will be done in WebEx. Additional information is available at (<https://web.uri.edu/aec/>).
- Beupre 115 Chemistry Learning Center. Your lab TAs will hold office hours in Google Hangouts as previously scheduled. You can refer to the TA schedule linked on the main page of our Sakai course site.

Academic Integrity.

The university policy on academic honesty will be strictly enforced. Any incidence of academic dishonesty, as defined by the policies outlined in the URI's Student Handbook, will result in either one or all of the following: a grade of zero for the exam, failure for the course, formal notification to the Dean. While students are encouraged to study together, exams must represent the work of the individual student. The following are examples of academic dishonesty:

- Unauthorized possession or access to exams
- Unauthorized communication during exams
- Unauthorized use of another's work or preparing work for another student
- Taking an exam for another student
- Altering or attempting to alter grades
- The use of notes or electronic devices to gain an unauthorized advantage during exams
- Facilitating or aiding another's academic dishonesty

Email.

All email communications will be done through your my.uri.edu email so make sure you check it regularly. Do note that I receive a substantial number of emails daily. I am teaching two different courses this semester, so to ensure that your email will be answered, please remember to: include your *full name* and *course code*; indicate the topic concisely on the subject line; write a clear and complete message.

CHM 227 Lecture/Exam Schedule

The breakdown for each chapter will depend on the pace of the class. You are responsible for all of the material in each chapter unless announced differently and for material presented during lectures, including those not in the text. **Lecture videos will be posted online.** **Links to these will be posted in the Lessons tab in Sakai.**

Week #	Monday	Wednesday	Friday
1		1/22 Syllabus; Ch 1	1/24 Ch 1
2	1/27 Ch 1	1/29 Ch 1	1/31 Ch 1, 2
3	2/3 Ch 2	2/5 Ch 2	2/7 Ch 2
4	2/10 Exam 1 (Ch 1, 2)	2/12 Ch 3	2/14 Ch 3
5	2/17 Ch 3	2/19 Ch 3, 4	2/21 Ch 4
6	2/24 Ch 4	2/26 Ch 4	2/28 Ch 4
7	3/2 Ch 4, 5	3/4 Exam 2 (Ch 3, 4)	3/6 Ch 5
8	3/9 No Class (Spring Break)	3/11 No Class (Spring Break)	3/13 No Class (Spring Break)
9	3/16 – 3/20 Class suspended		
10 - 15	3/30 Mon 4/8 Wed 4/17 Fri 4/27 Mon 5/7 Thu	Exam 3a (Ch 5) Exam 3b (Ch 6) Exam 4a (Ch 7) Exam 4b (Ch 8) Final Exam (11:30 AM)	

CHM 227 WileyPlus Assignment Schedule

	Monday	Tuesday	Wednesday	Thursday	Friday
Jan/Feb			1/29 HW-Intro		
February	2/3 PLA 1		2/5 HW 1		2/7 PLA 2
	2/10 HW 2				
			2/19 PLA 3		2/21 HW 3
March	3/2 PLA 4		3/4 HW 4		
	3/30 PLA 5; HW 5				
April			4/8 PLA 6; HW 6		
					4/17 PLA 7; HW 7
	4/27 PLA 8; HW 8				