

Chemistry 273 - Spring 2019

M, W, F 10:30 - 11:20 a.m.

Bilger 150

Professor: Marcus A. Tius

Office: 321D Bilger Hall; tius@hawaii.edu

Office Hours: Thursdays 2:00 to 4:00 p.m. (or any time I am not tied up with other duties)

Problem Sessions: Alternating weeks on Friday (4:30 – 5:30 p.m.) or on Saturday (11:00 – 12:00 a.m.) in Bilger 341C. Please also make use of the Learning Emporium.

*Please: do not use phones, tablets, laptops or other electronic devices in class.
I reserve the right to ask students to leave the class if they ignore this request.*

Text: "Organic Chemistry" 6th Edition (5th Edition OK), Loudon, Roberts & Company and the Study Guide and Solutions Manual that accompanies the text.

We will try to cover chapters 12 and 13, chapters 16 – 23 and chapters 26 and 28. *Approximately three lectures (= 1 week) are devoted to each chapter.* Please read the chapters before you come to lecture.

Hour Exams	February 8	(Friday)	100 pts
	March 8	(Friday)	100 pts
	April 5	(Friday)	100 pts
Final Exam	May 6	(Monday, 9:45 – 11:45 a.m.)	200 pts

Grading Policy. The middle of the C range is 50%. Because the final is cumulative, any score of 87% or better on the final automatically earns an A for the semester.

If you:

1. Took Chem 272 from me during Spring 2017;
2. Missed a higher grade by 5 points out of 400 in Chem 272;
3. And missed a higher grade by 5 points during this semester in Chem 273, you will receive the higher grade in Chem 273 (i.e. if you were going to receive a C+, you will receive a B-; if you were going to receive a B- you will receive a B, etc.).

M - 01/07	W - 01/09	F - 01/11	M - 01/14	W - 01/16	F - 01/18
Chapter 12 Introduction to Spectroscopy – IR and MS			Chapter 13 NMR Spectroscopy		
M - 01/21	W - 01/23	F - 01/25	M - 01/28	W - 01/30	F - 02/01
MLK Day	Chapter 13 cont'd	Chapter 16 Chemistry of Benzene			
M - 02/04	W - 02/06	F - 02/08	M - 02/11	W - 02/13	F - 02/15
Chapter 17 Allylic and Benzylic Reactivity		Exam 1	Chapter 17 cont'd	Chapter 18 Aryl Halides, Phenols, TM Catalysis	
M - 02/18	W - 02/20	F - 02/22	M - 02/25	W - 02/27	F - 03/01
Presidents' Day	Chapter 18 cont'd			Chapter 19 Aldehydes and Ketones	
M - 03/04	W - 03/06	F - 03/08	M - 03/11	W - 03/13	F - 03/15
Chapter 19 cont'd	Chapter 20 Carbox. Acids	Exam 2	Chapter 20 cont'd	Chapter 21 Carboxylic Acid Derivatives	
M - 03/18	W - 03/20	F - 03/22	M - 03/25	W - 03/27	F - 03/29
SPRING BREAK			Chapter 21 cont'd	Chapter 22 Enols, Enolates, α,β -Unsaturated Systems	
M - 04/01	W - 04/03	F - 04/05	M - 04/08	W - 04/10	F - 04/12
Chapter 22 cont'd		Exam 3	Chapter 23 Amines		
M - 04/15	W - 04/17	F - 04/19	M - 04/22	W - 04/24	F - 04/26
Chapter 26 The Chemistry of Aromatic Heterocycles		Good Friday	Chapter 26 cont'd	Chapter 28 Pericyclic Reactions	
M - 04/29	W - 05/01				
Chapter 28 cont'd					