

Chemistry 272 - Fall 2018

M, W, F 9:30 - 10:20 a.m.
Bilger 152

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" Sixth Edition, Loudon, Roberts & Company and the Study Guide and Solutions Manual that accompanies the text.

We will try to cover chapters 1 – 11 and 14, 15 (chapters 12, 13 covered in Chem 273). *Approximately three lectures (= 1 week) are devoted to each chapter.* Please read the chapters before you come to lecture.

Hour Exams	September 21	(Friday)	100 pts
	October 19	(Friday)	100 pts
	November 16	(Friday)	100 pts
Final Exam	December 10	(Monday, 9:45 – 11:45 a.m.)	200 pts

Grading Policy. The final grade is based on the 2 best hour exams and the final (400 pts). 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.

M - 08/20	W - 08/22	F - 08/24	M - 08/27	W - 08/29	F - 08/31
Chapter 1 Chemical Bonding & Chemical Structure			Chapter 2 Alkanes		Chapter 3 Acids & Bases Curved Arrow
M - 09/03	W - 09/05	F - 09/07	M - 09/10	W - 09/12	F - 09/14
Labor Day	Chapter 3, cont'd Acids & Bases. Curved-Arrow Notation		Chapter 4 Alkenes. Structure & Reactivity		
M - 09/17	W - 09/19	F - 09/21	M - 09/24	W - 09/26	F - 09/28
Chapter 4 cont'd	Chapter 5	Exam 1	Chapter 5, cont'd Addition Rxns of Alkenes		Chapter 6
M - 10/01	W - 10/03	F - 10/05	M - 10/08	W - 10/10	F - 10/12
Chapter 6 Principles of Stereochemistry		Chapter 7 Cyclic Compounds. Reaction Stereochemistry			
M - 10/15	W - 10/17	F - 10/19	M - 10/22	W - 10/24	F - 10/26
Chapter 8 Halides, Alcohols, Ethers, Thiols, Sulfides		Exam 2	Chapter 8 cont'd	Chapter 9 Chemistry of Alkyl Halides	
M - 10/29	W - 10/31	F - 11/02	M - 11/05	W - 11/07	F - 11/09
Chapter 9 cont'd	Chapter 10 Chemistry of Alcohols and Thiols			Chapter 11, Ethers, etc.	
M - 11/12	W - 11/14	F - 11/16	M - 11/19	W - 11/21	F - 11/23
Veterans Day	Chapter 11, cont'd	Exam 3	Chapter 14 Alkynes		T-Giving
M - 11/26	W - 11/28	F - 11/30	M - 12/03	W - 12/05	
Chapter 15 Dienes, Resonance and Aromaticity					