

Chemistry 301  
 Survey of Organic Chemistry  
 Class number 73570  
 MWF 8:40 – 9:30 a.m.  
 Course location: Multi-purpose MP108

Date	Lecture Topic	Special Considerations
Wk 1 Aug-21	CH1: Electronic Structure/Covalent Bonding	Help Session Friday 12:30-1:40 p.m. in <u>TBA</u> by Kif Ewing
Wk 2 Aug-28	CH2: Acids/Bases	Quiz 1: Chapter 1
Wk 3 Sep-4	CH3: Intro. To Organic: Nomenclature, Physical prop. Representation of Structure	Labor Day: No Quiz
Wk 4 Sep-11	CH4: Alkenes: Structure, Nomenclature, Stability, and Reactivity (intro.)	Quiz 2
Wk 5 Sep-18	CH5: Reactions of Alkenes & Alkynes: An Intro. To Multistep Synthesis	Quiz 3
Wk 6 Sep-25	CH6: Delocalization of Electrons and their effect on stability, reactivity, & pK <sub>a</sub> : UV/Vis spectroscopy	Quiz 4
Wk 7 Oct-2	CH7: Aromaticity Reactions of Benzene & Substituted Benzenes	Quiz 5
Wk 8 Oct-9	CH8: Isomers & Stereochemistry	Quiz 6
Wk 9 Oct-16	CH9: Reactions of Alkanes: Radicals	Quiz 7
Wk 10 Oct-23	CH10: Substitution & Elimination Reactions of Alkyl Halides	Quiz 8
Wk 11 Oct-30	CH11: Rxns. Of Alcohols, Amines, Ethers, & Epoxides	Quiz 9
Wk 12 Nov-6	CH12: Carbonyl Cpds. I: Nucleophilic Acyl Substitution	Quiz 10
Wk 13 Nov-13	CH13: Carbonyl Cpds. II: Rxns. Of Aldehydes & Ketones: More reactions of carboxylic acid derivatives	Quiz 11
Wk 14 Nov-20	Thanksgiving Holiday No Classes	No Quiz
Wk 15 Nov-27	CH14: Carbonyl Cpds. III: Rxns. Of the $\alpha$ -Carbon	Homework due Monday
Wk 16 Dec-4	CH15: Determining the Structure of Organic Compounds	Homework due Monday
Dec-11	FINAL EXAM WEDNESDAY DECEMBER 13	8 a.m. – 10 a.m.