Chemistry 333 **Fall 2020**

Tentative Lecture, Reading, and Examination Schedule

Text: Wade, *Organic Chemistry*, 8th edition

Dates	Topics	Readings
Aug. 24, 26	Introduction and Review	1: 1–14.
Aug. 26	Structure and Properties of Organic Molecules	2: 1–14.
Aug. 31, Sept. 2, 9, 14	Structure and Stereochemistry of Alkanes	3: 1–16. 8: 10. Problem 8-23. 10: 8, 10A. Problems 10-11, 10-12, 10-21, and 10-22.
Sept. 14, 16, 21	The Study of Chemical Reactions	4: 1–16.
Sept. 21, 23, 28	Stereochemistry	5: 1–16.
Sept. 30	EXAM #1 (through The Study of Chemical Reactions)	
Oct. 5, 7, 12	Alkyl Halides: Nucleophilic Substitution and Elimination	6: 1–21.
Oct. 12, 14, 19	Structure and Synthesis of Alkenes	7: 1–11. 9: 9B, 9C.
Oct. 19, 21, 26	Reactions of Alkenes	8: 1–17. 11: 11B. Problem 11-30.
Oct. 28	EXAM #2 (cumulative, through Structure and Synthesis of Alkenes)	
Nov. 2	Reactions of Alkenes (continued)	
Nov. 2, 4	Alkynes	9: 1–10.
Nov. 4, 9	Structure and Synthesis of Alcohols	10: 1–12.
Nov. 9	Reactions of Alcohols	11: 1–14.
Nov. 16, 18	Infrared Spectroscopy and Mass Spectrometry	12: 1–15.
Nov. 23, 25, 30, Dec. 2, 7	Nuclear Magnetic Resonance (NMR) Spectroscopy	13: 1–14.
Dec. 14	FINAL EXAM (cumulative, through NMR Spectroscopy)	