Chemistry 333 **Spring 2026**

Tentative Lecture, Reading, and Examination Schedule

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

Dates	Topics	Readings
Jan. 20, 22	Introduction and Review	1: 1–14.
Jan. 22	Structure and Properties of Organic Molecules	2: 1–14.
Jan. 27, 29, Feb. 3, 5	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.
Feb. 5, 10, 12	The Study of Chemical Reactions	4: 1–16.
Feb. 12, 17, 19	Stereochemistry	5: 1–16.
Feb. 24	Alkyl Halides: Nucleophilic Substitution and Elimination	6: 1–21.
Feb. 26	EXAM #1 (through The Study of Chemical Reactions)	
March 3, 5	Alkyl Halides: Nucleophilic Substitution and Elimination (continued)	
March 5, 10, 12	Structure and Synthesis of Alkenes	7: 1–11. 9: 9B, 9C.
March 12, 24, 26, April 2	Reactions of Alkenes	8: 1–17. 11: 11B. Problem 11-30.
April 2, 7	Alkynes	9: 1–10.
April 7	Structure and Synthesis of Alcohols	10: 1–12.
April 9	EXAM #2 (cumulative, through Structure and Synthesis of Alkenes)	
April 14	Structure and Synthesis of Alcohols (continued)	
April 14	Reactions of Alcohols	11: 1–14.
April 16, 21	Infrared Spectroscopy and Mass Spectrometry	12: 1–15.
April 23, 28, 30, May 5	Nuclear Magnetic Resonance (NMR) Spectroscopy	13: 1–14.
May 7	Review Day	
May 12	FINAL EXAM (cumulative, through NMR Spectroscopy)	