

## Tentative Lecture, Reading, and Examination Schedule

**Text:** Wade, *Organic Chemistry*, 9th edition

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