

Tentative Lecture, Reading, and Examination Schedule

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

<u>Dates</u>	<u>Topics</u>	<u>Readings</u>
Aug. 30, Sept. 1	Structure and Bonding	<u>1</u> : 1–19.
Sept. 1	Acids and Bases; Functional Groups	<u>2</u> : 1–17.
Sept. 8, 13, 15, 20	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. 20, 22, 27	The Study of Chemical Reactions	<u>4</u> : 1–16.
Sept. 27, 29, Oct. 4	Stereochemistry	<u>5</u> : 1–16.
Oct. 6	EXAM #1 (through The Study of Chemical Reactions)	
Oct. 11, 13, 18	Alkyl Halides: Nucleophilic Substitution	<u>6</u> : 1–16.
Oct. 18, 20, 25	Structure and Synthesis of Alkenes: Elimination	<u>7</u> : 1–19. <u>9</u> : 9B, 9C.
Oct. 25, 27, Nov. 1	Reactions of Alkenes	<u>8</u> : 1–17. <u>11</u> : 11B. Problem 11-30.
Nov. 3	EXAM #2 (cumulative, through Structure and Synthesis of Alkenes)	
Nov. 8	Reactions of Alkenes (continued)	
Nov. 8, 10	Alkynes	<u>9</u> : 1–10.
Nov. 10, 15	Structure and Synthesis of Alcohols	<u>10</u> : 1–12.
Nov. 15	Reactions of Alcohols	<u>11</u> : 1–14.
Nov. 17, 22	Infrared Spectroscopy and Mass Spectrometry	<u>12</u> : 1–15.
Nov. 24, 29, Dec. 1, 6, 8	Nuclear Magnetic Resonance (NMR) Spectroscopy	<u>13</u> : 1–14.
Dec. 13	EXAM #3 (cumulative, through NMR Spectroscopy)	