

## Tentative Lecture, Reading, and Examination Schedule

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

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