

## Tentative Lecture, Reading, and Examination Schedule

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

<u>Dates</u>	<u>Topics</u>	<u>Readings</u>
Jan. 22, 24	Introduction and Review	<u>1</u> : 1–14.
Jan. 24	Structure and Properties of Organic Molecules	<u>2</u> : 1–14.
Jan. 29, 31, Feb. 5, 7	Structure and Stereochemistry of Alkanes	<u>3</u> : 1–16. <u>8</u> : 10. Problem 8-23. <u>10</u> : 8, 10A. Problems 10-11, 10-12, 10-21, and 10-22.
Feb. 7, 12, 14	The Study of Chemical Reactions	<u>4</u> : 1–16.
Feb. 14, 19, 21	Stereochemistry	<u>5</u> : 1–16.
Feb. 26	EXAM #1 (through The Study of Chemical Reactions)	
Feb. 28, March 4, 6	Alkyl Halides: Nucleophilic Substitution and Elimination	<u>6</u> : 1–21.
March 6, 11, 13	Structure and Synthesis of Alkenes	<u>7</u> : 1–11. <u>9</u> : 9B, 9C.
March 13, 25	Reactions of Alkenes	<u>8</u> : 1–17. <u>11</u> : 11B. Problem 11-30.
March 27	EXAM #2 (cumulative, through Structure and Synthesis of Alkenes)	
April 3, 8	Reactions of Alkenes (continued)	
April 8, 10	Alkynes	<u>9</u> : 1–10.
April 10, 15	Structure and Synthesis of Alcohols	<u>10</u> : 1–12.
April 15	Reactions of Alcohols	<u>11</u> : 1–14.
April 17, 22	Infrared Spectroscopy and Mass Spectrometry	<u>12</u> : 1–15.
April 24, 29, May 1, 6	Nuclear Magnetic Resonance (NMR) Spectroscopy	<u>13</u> : 1–14.
May 8	Review Day	
May 13	FINAL EXAM (cumulative, through NMR Spectroscopy)	