

Tentative Lecture, Reading, and Examination Schedule

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

<u>Dates</u>	<u>Topics</u>	<u>Readings</u>
Jan. 22, 27	Introduction and Review.	<u>1</u> : 1–14.
Jan. 27	Structure and Properties of Organic Molecules.	<u>2</u> : 1–14.
Jan. 29, Feb. 3, 5, 10	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. 10, 12, 17	The Study of Chemical Reactions.	<u>4</u> : 1–16.
Feb. 17, 19, 24	Stereochemistry.	<u>5</u> : 1–16.
Feb. 26	EXAM #1 (through The Study of Chemical Reactions.)	
March 2, 4, 9	Alkyl Halides: Nucleophilic Substitution and Elimination.	<u>6</u> : 1–21.
March 9, 11, 23	Structure and Synthesis of Alkenes.	<u>7</u> : 1–11.
March 23, 25, 30	Reactions of Alkenes.	<u>8</u> : 1–17. <u>11</u> : 11B. Problem 11-30.
April 1	EXAM #2 (cumulative, through Structure and Synthesis of Alkenes.)	
April 6	Reactions of Alkenes (continued).	
April 6, 8	Alkynes.	<u>9</u> : 1–10.
April 8, 13	Structure and Synthesis of Alcohols.	<u>10</u> : 1–12.
April 13	Reactions of Alcohols.	<u>11</u> : 1–14.
April 15, 20	Infrared Spectroscopy and Mass Spectrometry.	<u>12</u> : 1–15.
April 22, 27, 29, May 4	Nuclear Magnetic Resonance (NMR) Spectroscopy.	<u>13</u> : 1–14.
May 6	EXAM #3 (cumulative, through NMR Spectroscopy.)	