

Tentative Lecture, Reading, and Examination Schedule

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

| <u>Dates</u> | <u>Topics</u> | <u>Readings</u> |
|---------------------|--|--|
| June 1, 2 | Structure and Bonding | <u>1</u> : 1–19. |
| June 2 | Acids and Bases; Functional Groups | <u>2</u> : 1–17. |
| June 3, 4, 7, 8 | 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. |
| June 8, 9, 10 | The Study of Chemical Reactions | <u>4</u> : 1–16. |
| June 10, 11, 14 | Stereochemistry | <u>5</u> : 1–16. |
| June 15 | EXAM #1 (through The Study of Chemical Reactions) | |
| June 16, 17, 18 | Alkyl Halides: Nucleophilic Substitution | <u>6</u> : 1–16. <u>11</u> : 5, 7, 8. |
| June 18, 21, 22 | Structure and Synthesis of Alkenes: Elimination | <u>7</u> : 1–19. <u>9</u> : 9B, 9C. |
| June 22, 23, 24, 25 | Reactions of Alkenes | <u>8</u> : 1–17. <u>11</u> : 11B. Problem 11-30. |
| June 25, 28 | Alkynes | <u>9</u> : 1–10. |
| June 28 | Structure and Synthesis of Alcohols | <u>10</u> : 1–12. |
| June 29 | EXAM #2 (cumulative, through Structure and Synthesis of Alkenes) | |
| June 30 | Structure and Synthesis of Alcohols (continued) | |
| June 30 | Reactions of Alcohols | <u>11</u> : 1–14. |
| July 1, 2 | Infrared Spectroscopy and Mass Spectrometry | <u>12</u> : 1–15. |
| July 6, 7, 8, 9 | Nuclear Magnetic Resonance (NMR) Spectroscopy | <u>13</u> : 1–14. |
| July 12 | Review Day | |
| July 13 | EXAM #3 (cumulative, through NMR Spectroscopy) | |