

## Chemistry 1210 Course (tentative) Outline (Fall 2008)

Monday Aug. 25 Ch. 1 Matter, Elements, Compounds	Wednesday Aug. 27 Ch. 1 Measurements	Friday Aug. 29 Ch. 2 Atomic Structure	Monday Sept. 1 <b>Holiday</b> No Class	Wednesday Sept. 3 Ch. 2 Periodic Table	Friday Sept. 5 Ch. 2 Nomenclature
Sept. 8 Ch. 3 Balancing Equations	Sept. 10 Ch. 3 Atomic, Molecular Weights	Sept. 12 Ch. 3 Empirical Formulas	Sept. 15 Ch.3 Chemical Equation Calculations	Sept. 17 Ch. 4 Molarity, Electrolytes	Sept. 19 Ch. 4 Acids, Bases, Salts, and Ions
Sept. 22 Ch. 4 Metals, Titrations	Sept. 24 Review of Chapters 1-4	<b>Sept. 26</b> <b>Exam 1</b> Chapters 1-4	Sept. 29 Ch. 5 Energy, 1st Law Thermodynamics	Oct. 1 Ch. 5 Enthalpy, Hess's Law	Oct. 3 Ch. 5 Enthalpy Of Formation
Oct. 6 Ch. 6 Radiant Energy	Oct. 8 Ch. 6 Quantum Effects	Oct. 10 Ch. 6 Bohr Atom, Orbitals	Oct. 13 Ch. 6 Many Electron Systems	Oct. 15 Ch. 7 Atomic size, Energies	<b>Oct. 16 (Thursday!)</b> Ch. 7 Electron Ionization/ Affinity
Oct. 20 Ch. 7 Review of Chapters 5-7	<b>Oct. 22</b> <b>Exam 2</b> Chapters 5-7	Oct. 24 Ch. 8 Lewis Structures	Oct. 27 Ch. 8 Covalent Bonding	Oct. 29 Ch. 8 Resonances, Octet Violations	Oct. 31 Ch. 8 Bond Energies
Nov. 3 Ch. 8 Oxidation Numbers	Nov. 5 Ch. 9 VSEPR Theory	Nov. 7 Ch. 9 Bond Polarity	Nov. 10 Ch. 9 Hybrid Orbitals	Nov. 12 Ch. 10 Gases	Nov. 14 Ch. 10 Gas Laws
Nov. 17 Ch. 10 Partial Pressures	Nov. 19 Review Chapters 8-10	<b>Nov. 21 Ch. 11</b> <b>Exam 3</b> Chapters 8-10	Nov. 24 Ch. 11 Liquids & Solids	<b>Nov. 26</b> <b>No Classes</b> <b>Thanksgiving</b>	<b>Nov. 28</b> <b>No Classes</b> <b>Thanksgiving</b>
Dec. 1 Ch. 11 Liquids & Solids	Dec. 3 Ch. 13 Solution Properties	Dec. 5 Ch. 13 Solution Properties	Dec. 8 No Classes Finals Week	Dec. 10 <b>Final Exam</b>	Dec. 12 No Classes Finals Week

**Note: The Chem 1210 Final Exam is currently scheduled for Friday Dec. 10 at 7:30-9:20 AM in ENGR 103**