

Last Updated 8/26/2009

Principles of Chemistry Course Schedule (Fall 2009)

Tentative Quiz and Midterm Exam Dates*

8/27 – Diagnostic Quiz 9/3- Quiz 1 week of 9/10 - Exam 1 (~9/9*) 9/17 - Quiz 2 9/24 - Quiz 3 week of 10/1 - Exam 2 (~9/30*) 10/8- Quiz 4 10/15 - no class - Fall break	10/22 - Quiz 5 week of 10/29 - Exam 3 (~10/28*) 11/5- Quiz 6 11/12 - Quiz 7 week of 11/19- Exam 4 (~11/18*) 11/27 no class -Thanksgiving break 12/3 - Quiz 8
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Final exams(set by registrar) : Tu, Dec. 15, 4:30 pm - 7 pm, CNS 112;

**Exact dates, time and place for Midterm Exams are TBA.*

Tentative List of Topics with Approximate Corresponding Chapters/Sections in the Textbook**

1	Ch 1 Chemistry and Measurement Units, measurements, dimensional analysis	Week 1 8/26- 8/28
2	Ch 2 Atoms, Molecules and Ions : beginning atomic structure, Periodic table - up to section 2.7	Week 2 starting 8/30
3	Ch 7 - Quantum Theory of the Atom Light Waves, Photons, the Bohr Theory Quantum mechanics and Quantum Numbers	Week 3 starting 9/6 (→ Exam 1)
4	Ch 8 – Electron Configurations and Periodicity Electronic structure of Atoms Periodicity of the elements	Week 4 starting 9/13
5	Ch 9 – Ionic and Covalent Bonding Ionic bonds Covalent Bonds	Week 5 starting 9/20
6	Lewis structures	Week 6 starting 9/27(→ Exam 2)
7	Ch 10 – Molecular Geometry and Chemical Bonding VSEPR model and molecular geometry Molecular Orbital Theory	Week 7 starting 10/4
8	Ch 2 Atoms, Molecules and Ions -continued Periodicity, formulas, balancing – start with section 2.8	Week 8 10/11 -10/14 (short)
9	Ch 3 Calculations with Chemical Formulas and Equations the mole;chemical equations	<i>10/15 – 10/17 Fall break ☺</i> Week 9 starting 10/18
10	stoichiometric calculations limiting reactants	Week 10 starting 10/25 (→ Exam 3)
11	Ch 4 - Chemical Reactions Ionic theory in aqueous solutions Precipitation; acid-base oxidation-reduction;Solution concentrations	Week 11 starting 11/2
	Ch 5 - Gases	
	Ch 6 - Thermochemistry	Week 12 starting 11/8
	<i>Review</i>	Week 13 starting 11/15 (→ Exam 4) <i>Week 14 Thanksgiving break! ☺ 11/21-11/28</i> Week 15 starting 11/29 Week 16 starting 12/6

***Detailed reading assignments will be given for each new topic during the semester*

Important Dates : 9/1 - Last day add/drop; 9/16 - Last day for S/D/F (pass/fail) option ;

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10/21 - Midterm grades , 11/6 - Last day to withdraw with "W", 12/11-Last day of classes