

Chem. 1,2 Syllabus  
Fall, 2004

<u>Week</u>	<u>Chapter</u>	<u>Material</u>	<u>Chem. 2</u>
1. Aug 23-27	Fundamentals A and B	intro, atoms	check-in, safety (TECH 380)
2. Aug 30-Sept 3	Fundamentals C and D	nomenclature	density, statistics (PROP 353)
3. Sept 6-10	Fundamentals E and F	mole, % composition	periodic properties (REAC. 635)
4. Sept 13-17	Fundamentals G and H	stoichiometry	ternary mixture (PROP 375)
5. Sept 20-24	1st hour exam, F L-M	solution stoichiometry	thickness of zinc (ANAL 909)
6. Sept 27-Oct 1	Fundamentals. I-K	chemical reactions	empirical. form, CuCl <sub>2</sub> (STOI 386)
7. Oct 4-8	Chapter 1, Quantum	electromagnetic radiation	radiochemistry, reactor (packet)
8, Oct 11-15	Chapter 1, Quantum	quantum numbers, orbitals	mid-term exam
9. Oct 18-22	2nd hour exam, Chapter 2	chemical bonds	antacid analysis (packet)
10. Oct 25-29	Chapter 3	bonding	atomic spectra (packet)
11. Nov 1-Nov 5	Chapter 4	gases	colorimetry (packet)
12. Nov 8-12	Chapter 5	condensed phase	gas laws (packet)
13. Nov 15-19	Chapter 6	first law	gas chromatography (packet)
14. Nov 22-26	3rd hour exam	Thanksgiving Holiday	make-up Monday only REAC 635
15. Nov 29-Dec 3	Chapter 6	first law	heat of neutralization (THER 368)
16. Dec 6-10	Chapter 8	phase changes	check out, lab final
17. Dec 13-17	.....final exam week.....		

Chem. 1 Textbook:        Atkins and Jones