

Syllabus-Advanced Inorganic Chemistry
CHM 4610
Dr. Landrum, Fall 2004

Text: Shriver and Atkins, 3rd Ed.

August		Topic	
	30		Introduction, Chp. 3 Review of Bonding, p65-76
September			
	1		Atomic Structure, Chp. 1
	[6] 8	[Labor Day Holiday]	Chp. 1 cont'd
	13 15		Solids, Chp. 2
	20 22		Molecular Bonding, MO theory, Chp. 3,
	27 29		Chp. 3 cont'd
October			
	4 6		Molecular Symmetry, Chp. 4
	11 13		First Exam, Acids/Bases, Chp. 5
	18 21		Transition Metals, Chp 7
	25 27		Electronic Spectra, Chp. 13
November			
	1 3	[Drop Deadline Nov. 5]	Reaction Mech., Chp. 14
	6 10	[Nov. 11 Veteran's Day]	Organometallic Cmpds., Chp. 16
	15 17		Catalysis, Chp. 17
	22 24	[Nov. 25 Thanksgiving]	Second Exam
	29		Bioinorganic, Chp. 19
December			
	1		
	5 8		Current Topics,
Final Examination			Wednesday, December 15 9:30 am

Grading: 2 exams(25%) + Final(25%), Assignments (15%), Literature Paper(10%)