

2011

Chemistry 250

Lisensky

	MONDAY	TUES	WEDNESDAY	THURS	FRIDAY
	29	30	31 H atom; SA 1.4-1.5	1	2 aufbau, Slater's Rules; SA 1.6-1.7
SEPT	5 IE, EA, EN; SA 1.8-1.9, 9.2 <i>NO₂ lab</i>	6	7 VSEPR, nobles; SA 2.1, 2.3, 18 <i>problems due</i>	8	9 VB Theory; SA 2.4-2.6 <i>NO₂ lab due</i>
	12 point groups; SA 6.1, 6.3-6.4 <i>acac lab</i>	13	14 acid/base; Pauling Rules SA 4.2-4.6 <i>problems due</i>	15	16 TEST
	19 ionic radii and bonding; SA 3.10 <i>nickel lab</i>	20	21 Born Haber; SA 3.11-3.14	22	23 ionic structures; SA 3.1-3.3, p77, 3.9
	26 Werner / Jorgenson; SA 7.1-7.2, 7.7-7.10 <i>isomer lab</i>	27	28 crystal field; SA 20.1 <i>problems due</i>	29	30 crystal field; SA 20.1 <i>acac lab due</i>
OCT	3 coordination; SA 7.3-7.5 <i>lab</i>	4	5 MO Theory; NO ₂ ; SA 2.7-2.10, 2.12 <i>problems due</i>	6	7 character tables; SA 6.2, App. 4 <i>nickel lab due</i>
	10 ligand field; SA 20.2 <i>lab</i>	11	12 HSAB; SA 4.12, 9.3, 20.1i <i>problems due</i>	13	14 TEST <i>isomer lab due</i>
	17	18	19	20	21 MACTLAC
MIDTERM BREAK					
	24 EAN; SA 22.1-22.4 <i>palladium & zeolite labs</i>	25	26 ligands; SA 22.5-22.17	27	28 M-M bonds; 19.11, 13.11-12, 22.20
NOV	31 reactions; SA 22.22-22.26, 26.3 <i>lab</i>	1 <i>problems due</i>	2 ADVISING	3	4 kinetics; SA 21.1-21.2a <i>palladium lab due</i>
	7 metal/semiconductors; SA 3.18-3.20 <i>LED lab</i>	8	9 <i>p-n</i> junctions; SA 24.18-24.19 <i>problems due</i>	10	11 polyhedral, frameworks; 14.10, 14.15, 24.12-24.13 <i>LED lab due</i>
	14 defects, oxides, magnetism 3.16-3.17, 20.8, 24.4-24.7 <i>project lab</i>	15 <i>problems due</i>	16 International Symposium	17	18 TEST <i>zeolite lab due</i>
	21 plane groups; Escher; SYM p. 1-5 <i>project lab</i>	22	23 3-D symmetry; SYM p. 6-14 <i>problems due</i>	24	25 Thanksgiving
	28 International Tables; SYM p. 15-17 <i>project lab</i>	29	30 equiv position; ORTEP SYM p. 18-22 <i>problems due</i>	1	2 ORTEP SYM p. 22-23
DEC	5 bioinorganic; SA 27 <i>project lab</i>	6	7 bioinorganic; SA 27	8	9 <i>pictures due</i>
	12 diffraction; SA 8.1 <i>project lab report</i>	13 Thursday	14 nanochemistry; SA 25 evaluation	15 study day	16 no final (2 pm)
	19	20	21	22	23

SA = Shriver and Atkins, Inorganic Chemistry (2010). SYM = Symmetry and Crystallography (2007)