

2018

Chem 250

Lisensky

	MONDAY	TUES	WEDNESDAY	THUR	FRIDAY
SEPT	27 introduction <i>NO₂ lab</i>	28	29 H atom SA 1.2-1.3	30	31 aufbau, Slaters Rules SA 1.4-1.5 <i>NO₂ lab due</i>
	3 IE, EA, EN SA 1.6-1.7, 9.2 <i>acac lab</i>	4	5 VSEPR, noble gas SA 2.1, 2.3, 18 <i>problems due</i>	6	7 VB Theory SA 2.4-2.6
	10 point groups SA 6.1, 6.3-6.4 <i>nickel lab</i>	11	12 acid/base, Pauling Rules SA p125, 4.2-4.4, 4.11-4.12 <i>problems due</i>	13	14 TEST
	17 ionic radii and bonding; SA 3.10 <i>isomer lab</i>	18	19 Born Haber SA 3.11-3.14	20	21 ionic structures SA 3.1-3.3, p80, 3.9 <i>acac lab due</i>
	24 Werner/Jorgenson SA 7.1-7.2, 7.7-7.10 <i>lab</i>	25	26 crystal field SA 20.1 <i>problems due</i>	27	28 crystal field SA 20.1 <i>nickel lab due</i>
OCT	1 coordination SA 7.3-7.5 <i>lab</i>	2	3 MO Theory SA 2.7-2.10 <i>problems due</i>	4	5 character tables SA 6.2, App. 4 <i>isomer lab due</i>
	8 ligand field SA 20.2 <i>palladium lab</i>	9	10 HSAB SA 4.9, 9.3, 20.1(i) <i>problems due</i>	11	12 TEST
	15	16	17	18	19
MIDTERM BREAK					
NOV	22 EAN SA 22.1-22.4 <i>zeolite lab</i>	23	24 ligands SA 22.5-22.17	25	26 M-M bonds SA Box19.2, 22.20
	29 reactions SA 22.22-22.26, 25.3 <i>lab</i>	30 <i>problems due</i>	31 ADVISING	1	2 kinetics SA 21.1-21.2a <i>palladium lab due</i>
	5 metals/semiconductors SA 3.18-3.20 <i>LED lab</i>	6	7 <i>p-n</i> junctions SA 24.18-24.19 <i>problems due</i>	8	9 polyhedral, frameworks 14.10, 14.15, Box19.1, 24.11-12 <i>LED lab due</i>
	12 defects, oxides, magnetism 3.16-3.17, 20.8, 24.3-24.6 <i>finish zeolite, choose project</i>	13 <i>problems due</i>	14 International Symposium	15	16 TEST <i>zeolite lab due</i>
	19 plane groups, Escher SYM p. 1-5 <i>project lab</i>	20	21 3-D symmetry SYM p. 6-14 <i>problems due</i>	22	23 Thanksgiving
	26 International Tables SYM p. 15-17 <i>project lab</i>	27	28 equiv position, ORTEP SYM p. 18-22 <i>problems due</i>	29	30 ORTEP SYM p. 22-23
DEC	3 bioinorganic SA 26.2, 26.18 <i>project lab</i>	4	5 bioinorganic SA 26.6-26.8	6	7 <i>pictures due</i>
	10 diffraction SA 8.1 <i>project lab report</i>	11	12 nanochemistry SA 24.22-24.30 evaluation	13 study day	14 no final (7 pm)
	17	18	19	20	21

SA = Shriver and Atkins, *Inorganic Chemistry* (2014).SYM = *Symmetry and Crystallography* (2013)