

COURSE SCHEDULE

Assigned sections from Atkins textbook should be read prior to the indicated class day.

Note: R = Reading Assignment | DS = Discussion Section | L = Lesson | WS = Worksheet | Obj = Objective | MT = Major Technique

Week	CLASS	CLASS	DS	CLASS	LAB	ALEKS
	<i>Mon</i>	<i>Wed</i>	<i>Thurs</i>	<i>Fri</i>	<i>Tues/Wed</i>	<i>Due 11:59p</i>
1	Sept 28 <i>NO CLASS</i>	30 Course Intro	Oct 1 DS Intro	2 L1.1: Review of VSEPR & Molecular Polarity (R: 4.1-3)	<i>NO LAB</i>	<i>No Objective</i>
2	Oct 5 L1.2: Atomic Orbital Hybridization (R: 4.4-7)	7 Continue L1.2	8 WS 1: L1.1-2	9 QUIZ 1 L1.1-2	Remote Lab Orientation Rpt due: 11:55 pm one day after lab	Obj 1: Fri 10.09 L1.1-1.2
3	Oct 12 L1.3: Molecular Orbital Model of Bonding (R: 4.8-10)	14 Continue L1.3	15 WS 2: L1.3	16 L1.4: Magnetism (R: Box 4.2, p. 130); Diatomics (R: 4.11)	<i>NO LAB</i>	Obj 2: Fri 10.16 L1.3-1.4
4	Oct 19 L1.5: UV-Vis Spectroscopy (R: 4.12; MT 2 (pp. 146-7))	21 L2.1: Intermolecular Forces (R: 6.1-8)	22 WS 3: L1.4-5, 2.1	23 QUIZ 2 L1.4-5, 2.1	Lab 2: Electrochem Rpt due: 11:55 pm one day after lab	Obj 3: Fri 10.23 L2.1 (No L1.5 content in ALEKS)
5	Oct 26 L2.2: ΔH and ΔS of Phase Δs (R: 8.11-12; 9.4 (PDFs on Canvas))	28 L2.3: Vapor Pressure of Liquids; Boiling (R: 10.1-4)	29 WS 4: L2.2-2.3	30 L2.4: Phase Diagrams (R: 10.5-7)	<i>NO LAB</i>	Obj 4: Fri 10.30 L2.2-2.3
6	Nov 2 L2.5: Structure of Solids (R: 6.9-13; MT 3 (pp. 223-5))	4 L3.1: Solubility; Thermo of Solutions (R: 10.8-9, 12-13)	5 WS 5: L2.4-5, 3.1	6 QUIZ 3 L2.4-5, 3.1	Lab 3: IMFs Rpt due: 11:55 pm one week after lab	Obj 5: Fri 11.06 L2.4-2.5; 3.1
7	Nov 9 L3.2: P and T Effects on Solubility; Molality (R: 10.10-11, 14)	11 <i>Veteran's Day</i> <i>NO CLASS</i>	12 WS 6: L3.2	13 L3.3: Colligative Properties (R: 10.15-16)	<i>NO LAB</i>	Obj 6: Fri 11.13 L3.2
8	Nov 16 L3.4: Colligative Props; Pvp of Binary Solns (R: 10.17-18)	18 L4.1: The d-block metals; Coordination complexes (R: 17.1-6)	19 WS 7: L3.3-4, 4.1	20 QUIZ 4 L3.2-4; 4.1	Lab 4: Frac. Xtal Rpt due: 11:55 pm one week after lab	Obj 7: Fri 11.20 L3.3-3.4; 4.1
9	Nov 23 L4.2: Crystal Field Thy; Spectrochem Series; Magnetism (R: 17.8-12)	25 L4.3: Isomers (R: 17.7)	26 <i>Thanksgiving</i> <i>NO CLASS</i>	27 <i>Thanksgiving</i> <i>NO CLASS</i>	<i>NO LAB</i>	Obj 8: SUN 11.29 L4.2-4.3
10	Nov 30 L5.1: Aliphatic Hydrocarbons (R: 19.1-3, 5)	Dec 2 Continue L5.1	3 WS 8: L4.2-3, 5.1	4 QUIZ 5 L4.2-3, 5.1	Lab 5: Spec. Series Rpt due: 11:55 pm one day after lab	Obj 9: Fri 12.04 L5.1
11	Dec 7 L5.2: Chirality; Fxnal Groups (R: 19.2 from p. 805; 20.1-8)	9 L5.3: Vibrational Spectroscopy (R: MT 1 (PDF on Canvas))	10 WS 9: L5.2-3	11 Final Exam Review (Final will cover all lessons in Units 1-5)	Lab 6: Aspirin Syn. Rpt due: 11:55 pm one day after lab	Obj 10: Fri 12.11 L5.2 (No L5.3 content in ALEKS)
12	Final: Wed, Dec 16 8:30 – 10:20a					Pie Progress <i>Due at 11:59 pm on Sun 12.13.</i>