

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 Sun 11p</i>
1	Sept 27 NO CLASS	29 Course Intro	30 DS Intro	Oct 1 L1.1: Review of VSEPR & Molecular Polarity (R: 4.1-3)	NO LAB	Obj 1 L1.1
2	Oct 4 L1.2: Atomic Orbital Hybridization (R: 4.4-7)	6 Continue L1.2	7 WS 1: L1.1-2	8 L1.3: Molecular Orbital Model of Bonding (R: 4.8-10)	Lab Orientation Rpt due: 11:55 pm one day after lab	Obj 2: L1.2-3
3	Oct 11 L1.4: Magnetism (R: Box 4.2, p. 130); Diatomics (R: 4.11)	13 Continue L1.3-4	14 WS 2: L1.3-4	15 QUIZ 1 L1.1-4	Lab 1: Reactivity Trends Rpt due: 11:55 pm one day after lab	Open Pie
4	Oct 18 L1.5: UV-Vis Spectroscopy (R: 4.12; MT 2 (pp. 146-7))	20 L2.1: Intermolecular Forces (R: 6.1-8)	21 WS 3: L1.5, 2.1	22 L2.2: ΔH and ΔS of Phase Δs (R: 8.11-12; 9.4 (PDFs on Canvas))	Lab 2: Electrochem Rpt due: 11:55 pm one day after lab	Obj 3: L2.1-2 (No L1.5 content in ALEKS)
5	Oct 25 L2.3: Vapor Pressure of Liquids; Boiling (R: 10.1-4)	27 L2.4: Phase Diagrams (R: 10.5-7)	28 WS 4: L2.2-2.4	29 QUIZ 2 L1.5, 2.1-3	NO LAB	Obj 4: L2.3-4
6	Nov 1 L2.5: Structure of Solids (R: 6.9-13; MT 3 (pp. 223-5))	3 L3.1: Solubility; Thermo of Solutions (R: 10.8-9, 12-13)	4 WS 5: L2.5, 3.1	5 L3.2: P and T Effects on Solubility; Molality (R: 10.10-11, 14)	Lab 3: IMFs Rpt due: 11:55 pm one week after lab	Obj 5: L2.5; 3.1-2
7	Nov 8 L3.3: Colligative Properties (R: 10.15-16)	10 L3.4: Colligative Props; Pvp of Binary Solns (R: 10.17-18)	11 <i>Vet'n's Day</i> NO CLASS WS 6 (Canvas): L3.2-4	12 QUIZ 3 L2.4-5, 3.1-3	NO LAB	Obj 6: L3.3-4
8	Nov 15 L4.1: The d-block metals; Coordination complexes (R: 17.1-6)	17 L4.2: Crystal Field Thy; Spectrochem Series; Magnetism (R: 17.8-12)	18 WS 7: L3.3-4, 4.1	19 L4.3: Isomers (R: 17.7)	Lab 4: Frac. Xtal Rpt due: 11:55 pm one week after lab	Obj 7: L4.1-3
9	Nov 22 QUIZ 4 L3.4; 4.1-2	24 TBA	25 <i>Thanksgiving</i> NO CLASS	26 <i>Thanksgiving</i> NO CLASS	NO LAB	No Objective
10	Nov 29 L5.1: Aliphatic Hydrocarbons (R: 19.1-3, 5)	Dec 1 Continue L5.1	2 WS 8: L4.2-3, 5.1	3 L5.2: Chirality; Fxnal Groups (R: 19.2 from p. 805; 20.1-8)	Lab 5: Spec. Series Rpt due: 11:55 pm one day after lab	Obj 8: L5.1
11	Dec 6 QUIZ 5 L4.3, 5.1	8 L5.3: Vibrational Spectroscopy (R: MT 1 (PDF on Canvas))	9 WS 9: L5.2-3	10 Course Review	Lab 6: Aspirin Syn. Rpt due: 11:55 pm one day after lab	Obj 9: L5.2 (No L5.3 content in ALEKS)
12	Quiz 6 + 7: Wed, Dec 15 8:30 – 10:20a					Pie Progress Due at 11:59 pm on Sun 12-12.