

(SUBJECT TO CHANGE — 05.11.17)

Week	Date	Day	Lecture Chapter	Lecture Topics 11:10am-12:25pm	Read Through	Laboratory Activity Sec AAX — 8:10am-11:00am Sec ABX — 2:10pm-5:00pm
Flex Day — Campus Closed — No Classes						
Week 1	14-Aug	M				
	16-Aug	W	1	Ch 1: Classification/Properties of Matter	1.4	Orientation, Homework Intro & Lab Check-In
Week 2	21-Aug	M	1	Ch 1: Measurement & Significance	1.8	E1 Experiment: Classifying Matter
	23-Aug	W	1/2	Ch 1: Unit Standards / Ch 2: Atomic Theory	2.4	Workshop: Dimensional Analysis W1
Week 3	28-Aug	M	2	Ch 2: Flavors of the Atom	2.7	E2 Experiment: Properties of Matter
29-Aug Last Day to Add Class or Drop with Partial Refund						
	30-Aug	W	2	Ch 2: Atomic Mass & the Mole	2.9	Workshop: Counting Atoms W2
4-Sep Last Day to Drop Class w/out W (withdraw)						
Labor Day Holiday — No Classes						
Week 4	4-Sep	M				
	6-Sep	W	3	Ch 3: Chemical Formulas	3.4	E3 Experiment: Avogadro's Number
Week 5	11-Sep	M	3	Ch 3: Nomenclature	3.7	EXAM #1 - Ch 1 & 2: Matter & Measurement
	13-Sep	W	3	Ch 3: Molecular Composition	3.11	E4 Experiment: Empirical & Molecular Formula
Week 6	18-Sep	M	4	Ch 4: Stoichiometry & Limiting Reactants	4.3	Workshop: Nomenclature W3
	20-Sep	W	4	Ch 4: Solubility & Concentration	4.9	E5 Experiment: Elemental Analysis
Week 7	25-Sep	M	4	Ch 4: Electrolytes & Ionic Equations	4.12	Workshop: Stoichiometry & Concentration W4
	27-Sep	W	5	Ch 5: Pressure & the Gas Laws	5.3	E6 Experiment: Acetic Acid Titration
Week 8	2-Oct	M	5	Ch 5: Gas Stoichiometry	5.7	EXAM #2 - Ch 3 & 4: Formulas & Equations
	4-Oct	W	5	Ch 5: KMT & Real Gases	5.10	E7 Experiment: Net Ionic Reactions
Week 9	9-Oct	M	6	Ch 6: Energy & Heat	6.4	Workshop: Gas Laws W5
	11-Oct	W				
Flex Day — Campus Closed — No Classes						
Week 10	16-Oct	M	6	Ch 6: Enthalpy	6.7	E8 Experiment: Gas Stoichiometry
	18-Oct	W	6	Ch 6: Hess's Law	6.10	Workshop: Thermochemistry W6
Week 11	23-Oct	M	7	Ch 7: Radiant Energy	7.4	E9 Experiment: Heat of Reaction
	25-Oct	W	7	Ch 7: the Bohr Atom	7.5	EXAM #3 - Ch 5 & 6: Heat & Gas
Week 12	30-Oct	M	7	Ch 7: the Schrödinger Eqn	7.6	E10 Experiment: Emission Spectra
	1-Nov	W	8	Ch 8: Electron Configuration	8.4	Workshop: Quantum Mechanics W7
Week 13	6-Nov	M	8	Ch 8: Periodicity Explained	8.7	E11 Experiment: Flame Test
	8-Nov	W	8	Ch 8: Metallic Character	8.9	Workshop: Electron Configuration W8
Week 14	13-Nov	M	9	Ch 9: Bonding	9.4	E12 Experiment: Magnetochemistry
15-Nov Last Day to Drop Class with "W"						
	15-Nov	W	9	Ch 9: Electronegativity	9.8	EXAM #4 - Ch 7 & 8: Quantum Atomic Structure
Week 15	20-Nov	M	9	Ch 9: Formal Charge	9.11	E13 Experiment: Recycling Aluminum
	22-Nov	W	10	Ch 10: VSEPR	10.4	Workshop: Lewis Structures W9
Week 16	27-Nov	M	10	Ch 10: Molecular Polarity	10.7	E14 Experiment: Synthesis of Aspirin (part 1)
	29-Nov	W	10	Ch 10: Valence Bond & MO Theory	10.8	Experiment: Synthesis of Aspirin (part 2)
Week 17	4-Dec	M	11	Ch 11: Intermolecular Forces	11.5	Workshop: VSEPR & Molecular Shape W10
	6-Dec	W	11	Ch 11: Phase Change	11.9	Lab Check-Out & Review
Finals	13-Dec	W	FINAL EXAM (Comprehensive) — Wed Dec 13 — 11:10-1:40 PM			
Grades	27-Dec		(Class Grades Posted in WebSMART 14 days after FINAL)			