

COURSE SCHEDULE

Assigned sections from Zumdahl should be read prior to the indicated lecture.

Note: R = "Reading from Zumdahl" L = "Lesson" Obj = "Objective"

Week	LECTURE			STEM-Dawgs	LAB	ALEKS
	Monday	Wednesday	Friday	Tuesday	MTWThF	Due 11:59p
1	Sept 23 No Class	25 Introduction to CHEM 142 at UW!	27 L1.1: The Nature of Light & Matter (R: 12.0-2)	None	NO LAB	Obj 1 (09/29) Math, Atomic Theory, & Naming Review
2	Sept 30 L1.2: H-atom Emission, Bohr Model (R: 12.3-4)	Oct 2 L1.3: Quantum Mechanics (R: 12.5,7-8)	4 Finish L1.3	Workshop 1 Introduction to STEM- Dawgs Workshops	Orientation; Safety Quiz; Undergraduate Stockrm Contract	Obj 2 (10/06) L1.1-1.4 L1.1-3
3	Oct 7 L1.4: H-atom Orbitals (R: 12.9)	9 L1.5: Electron Spin, Aufbau Principle (R: 12.10-11, 13)	11 L1.6: Periodic Trends (R: 12.15-16)	Workshop 2 Quiz 1 Study Skill 1 Learning Sciences	Lab 1 Atomic Emission	Obj 3 (10/13) L1.5-6, 2.1 L1.4-6
4	Oct 14 L2.1: Chemical Bonds (R: 13.1-3, 6)	16 L2.2: Lewis structures, Resonance (R: 13.9-11)	18 L2.3: Formal Charge, Exceptions to the Octet Rule (R: 13.12)	Workshop 3 Quiz 2 Study Skill 2 WOOP	Lab 2 Chemical Models	Obj 4 (10/20) L2.2-2.4 L2.1-3
5	Oct 21 L2.4: VSEPR Theory (R: 13.13)	23 EXAM 1 Unit 1, L2.1-3	25 L3.1: Atomic mass; The mole; Molar mass (R: 3.1-3)	Workshop 4 Practice Exam 1 Study Skill 3 Exam Expressive Writing	NO LAB	Obj 5 (10/27) L3.1 L2.4, 3.1
6	Oct 28 Finish L3.1	30 L3.2: Empirical formulas; Chemical equations (R: 3.5-7)	Nov 1 L3.3: Chemical eqns, Stoichiometry (R: 3.8-10)	Workshop 5 Quiz 3 Study Skill 4 Everyday Chemistry	Lab 3 Stoichiometry	Obj 6 (11/03) L3.2-3, 4.1 L3.2-3.3
7	Nov 4 L4.1: Solutions; Electrolytes; Dilutions (R: 4.1-3)	6 L4.2: Precipitation reactions (R: 4.4-8)	8 L4.3: Acid-base rxns; Oxidation-reduction rxns (R: 4.9-10)	Workshop 6 Quiz 4 Study Skill 5 Value of Learning	Lab 4 Calibration Curves	Obj 7 (11/10) L4.2-4.4 L4.1-4.3
8	Nov 11 Veteran's Day NO CLASS	13 L4.4: Balancing redox rxns; Redox stoich. (R: 4.11-12)	15 L5.1: Reaction Rates, Rate Laws (R: 15.1-3)	Workshop 7 Quiz 5 Study Skill 6 Low Stakes Writing	NO LAB	Obj 8 (11/17) L5.1-5.2 L4.4, 5.1
9	Nov 18 L5.2: Integrated Rate Laws (R: 15.4-5)	20 EXAM 2 L2.4, Units 3-4, L5.1-5.2	22 L5.3: Empirical gas laws; Ideal gas law (R: 5.1-3)	Workshop 8 Practice Exam 2 Study Skill 7	Lab 5 Kinetics I	Obj 9 (11/24) L5.3 L5.2-3
10	Nov 25 L5.4: Gas stoich.; Partial pressures (R: 5.4-5)	27 L5.5: Kinetic Molec Theory; Real gases (R: 5.6,10)	29 Thanksgiving NO CLASS...	Workshop 9 Quiz 6 Study Skill 8 First Year Transition	NO LAB	Obj 10 (12/01) L5.4-5.5
11	Dec 2 L5.6: Reaction Mechanisms (R: 15.6)	4 L5.7: A Model for Chemical Kinetics (R: 15.8)	6 Final Exam Review	Workshop 10 Practice Final Exam Study Skill 9	Lab 6 Gas Laws	Obj 11 (12/08) L5.6-5.7
12	Final: Wed, Dec 11 8:30 – 10:20p KNE 130					Pie Progress Pie Progress due at 11:59 pm on Sun 12/08.