

Chem V01A, General Chemistry I – Spring 2019

Mondays and Wednesdays, 11:30am-12:45pm in SCI-313

Tentative Schedule -- Subject to Change

Week	Day	Due	Section	Topic
1 (7-Jan)	M		1.1-3	Introduction, Matter and its Classifications
	W		1.4-5	Significant Figures, Measurement
2 (14-Jan)	M		1.6	Dimensional Analysis
	W	HW #1; Quiz #1	2.1-5	Atomic Theory; the Periodic Table
3 (21-Jan)	M			NO CLASS -- Holiday
	W	HW #2; Quiz #2	2.6-7	Types of Compounds, Nomenclature
4 (28-Jan)	M			(cont.)
		HW #3	Ch. 1-2	EXAM #1 -- Wednesday, Jan. 30
5 (4-Feb)	M		3.1-2	The Mole, Empirical and Molecular Formulas
	W	HW #4	3.3-4	Molarity, Solutions
6 (11-Feb)	M		4.1-4	Chemical Reactions; Stoichiometry
	W	HW #5; Quiz #3		(cont.)
7 (18-Feb)	M			NO CLASS -- Holiday
	W			(cont.)
8 (25-Feb)	M		9.1-2	Gas Laws
	W	HW #6; Quiz #4	9.3-5	Gas Stoichiometry, Kinetic Molecular Theory
9 (4-Mar)	M			(cont.)
	W		Ch. 3-4, 9	EXAM #2 -- Wednesday, Mar. 6
10 (11-Mar)	M		5.1-2	Thermodynamics, Calorimetry
	W	HW #7	5.3	Enthalpy
11 (18-Mar)	M			(cont.)
	W	HW #8; Quiz #5	6.1-3	The Nature of Light
12 (25-Mar)	M			NO CLASS -- Spring Break
	W			NO CLASS -- Spring Break
13 (1-Apr)	M		6.4	Electron Configuration
	W	HW #9	Ch. 5-6	EXAM #3 -- Wednesday, Apr. 3
14 (8-Apr)	M		6.5	Periodic Trends
	W	HW #10	7.1-4	Chemical Bonding; Lewis Structures
15 (15-Apr)	M		7.6	VSEPR Theory, Molecular Polarity
	W	HW #11; Quiz #6	8.1-3	Valence Bond Theory, Hybridization
16 (22-Apr)	M		8.4	Molecular Orbital Theory
	W	HW #12	10.1, 3-4	Intermolecular Forces, Phase Changes
17 (29-Apr)	M		10.4	Phase Changes
	W	HW #13	Ch. 6-8, 10	EXAM #4 -- Monday, Apr. 29
18 (6-May)	M		11.1-3	Solutions, Solubility
	W	HW #14	11.4	Colligative Properties

FINAL EXAM: Monday, May 13 at 10:15am (HW #15)