

Chem V01A, General Chemistry I – Spring 2019

Tuesdays & Thursdays, 11:30am-12:45pm in SCI-222

Tentative Schedule -- Subject to Change

Week	Day	Due	Section	Topic
1 (7-Jan)	T		1.1-3	Introduction, Matter and its Classifications
	R		1.4-6	Significant Figures, Dimensional Analysis
2 (14-Jan)	T			(cont.)
	R		2.1-5	Atomic Theory; the Periodic Table
3 (21-Jan)	T			Types of Compounds, Nomenclature
	R		2.6-7	(cont.)
4 (28-Jan)	T		3.1-4	The Mole, Empirical and Molecular Formulas
	R		Ch. 1-2	EXAM #1 -- Thursday, Jan. 31
5 (4-Feb)	T			(cont.)
	R		4.1-4	Chemical Reactions; Stoichiometry
6 (11-Feb)	T			(cont.)
	R			(cont.)
7 (18-Feb)	T		9.1-2	Gas Laws
	R		9.3-5	Gas Stoichiometry
8 (25-Feb)	T			(cont.)
	R		Ch. 3-4, 9	EXAM #2 -- Thursday, Feb. 28
9 (4-Mar)	T		5.1-2	Thermodynamics, Calorimetry
	R		5.3	Enthalpy
10 (11-Mar)	T			(cont.)
	R		6.1-3	The Nature of Light
11 (18-Mar)	T		6.4	Electron Configuration
	R		6.5	Quantum Numbers, Periodic Trends
12 (25-Mar)	T			NO CLASS -- Spring Break
	R			NO CLASS -- Spring Break
13 (1-Apr)	T		7.1-4	Chemical Bonding; Lewis Structures
	R		Ch. 5-6	EXAM #3 -- Thursday, Apr. 4
14 (8-Apr)	T		7.6	VSEPR Theory, Molecular Polarity
	R			(cont.)
15 (15-Apr)	T		8.1-3	Hybridization
	R		8.4	Molecular Orbital Theory
16 (22-Apr)	T		10.1-4	Intermolecular Forces, Phase Changes
	R			NO CLASS -- Flex Day
17 (29-Apr)	T		10.4	Phase Changes
	R		11.1-3	Solutions, Solubility
18 (6-May)	T		11.4	Freezing Point Depression & Boiling Point Elevation
	R			leftovers & review

FINAL EXAM (Exam 4 Ch. 7,8,10,11): Tuesday, May 14 at 10:30am - 12:15