Tentative schedule:

This is subject to change!

Achieve assignments and deadlines will be announced in class.

Date	***Lecture Topic***	***OpenStax 2e Sections***
Aug 31	Course Introduction; Chemistry & Scientific Method	1.1
Sep 2	Measurements and Unit Conversion	1.4-1.6
Sep 4	History of Atomic Theory; Atoms and The Periodic Table	1.2-1.3; 2.1-2.2
	No Recitation	
Sep 7	**Labor Day – No Class**	
Sep 9	Molecules and Nomenclature Rules	2.3-2.5
Sep 11	Moles and Counting Atoms	2.6-2.7
	Quiz 1	
Sep 14	Empirical and Molecular Formulas; Solution Concentration	3.1-3.2
Sep 16	Molarity and Dilution	3.1-3.2
Sep 18	**Exam 1**	
Sep 21	Balancing Reactions & Stoichiometry	4.1, 4.3
Sep 23	Reaction Yields; Quantitative Analysis	4.3, 4.5
Sep 25	Limiting Reagents and Reactions Yields	4.3-4.4
	Quiz 2	
Sep 28	Classifying Chemical Reactions	4.2
Sep 30	Thermochemistry	5.1
Oct 2	Calorimetry	5.2
	Quiz 3	
Oct 5	Enthalpy	5.3
Oct 7	Hess's law	5.3
Oct 9	**Exam 2**	
Oct 12-16	**Fall Break (no class)**	
Oct 19	Light and Electrons	6.1
Oct 21	Bohr Model of the Atom	6.2-6.3
Oct 23	Electron Configurations	6.4
	Quiz 4	
Oct 26	Periodic Trends	6.5

Oct 28	Covalent vs Ionic Bonding	7.1-7.2
Oct 30	Lewis Structures	7.3-7.4
	Quiz 5	
Nov 2	Lewis Structures	7.3-7.4
Nov 4	Catch-up/Exam 3 Review	
Nov 6	**Exam 3**	
Nov 9	Lewis Structures: Formal Charge and Resonance	7.4-7.5
Nov 11	Strength of Covalent Bonds; VSEPR Geometries	7.6
Nov 13	VSEPR Geometries and Molecular Polarity	7.6
	Quiz 6	
Nov 16	Valence Bond Theory; Hybridization	8.1-8.2
Nov 18	Hybridization; Molecular Orbital Theory	8.2-8.4
Nov 20	Molecular Orbital Theory	8.4
	Quiz 7	
Nov 23	Gases	9.1-9.2
Nov 25	Gases continued	9.3-9.4
Nov 27	**Thanksgiving Break (no class)**	
Nov 30	Gas Laws	9.5-9.6
Dec 2	Intermolecular Forces	10.1-10.2
Dec 4	**Exam 4**	
Dec 7	Phase Changes	10.3-10.4
Dec 9	Course Evaluations and Final Exam Review	
TBD (scheduled)	**Final Exam**	