

CHEMISTRY 110 A SUMMER 2020 (SLN: 12229)

REVISED COURSE SCHEDULE – CHANGES ARE HIGHLIGHTED IN YELLOW

This schedule is tentative and subject to change. Any changes will be announced on the course website.

	Monday	Tuesday	Wednesday	Thursday	Friday
Week 1 (9/28)	--	--	Intro. to Course and ALEKS 1.3	ALEKS Initial Assessment Due by 9pm	Scientific Method, Measurement, Unit Systems 1.3-1.4, pp. 6-7; 2.2-2.4
Week 2 (10/5)	Measurement, Unit Systems, Significant Figures, Scientific Notation; 2.1-2.5	Disc. Sect. Wkst 1	Scientific Notation, Unit Analysis, Temperature, Density 2.1, 2.6-2.8	ALEKS Objective 1 Due (11:59pm)	Wrap-up Ch 2; looking ahead to first quiz
Week 3 (10/12)	Composition & States of Matter, Physical vs. Chemical Change; 3.1-3.5	Disc. Sect. Wkst 2	The Elements, Dalton's Atomic Theory; 4.1-4.4, 4.9	ALEKS Objective 2 Due (11:59pm)	Quiz 1: Ch 1, 2 & 3
Week 4 (10/19)	Intro. to Modern Atomic Theory 4.5-4.6	Disc. Sect. Wkst 3	Isotopes and Ions, The Periodic Table, Intro. to Electronic Structure 4.7-4.10	ALEKS Objective 3 Due (11:59pm)	Chemical Bonds, Lewis Structures 4.11, 12.1-2, 12.6
Week 5 (10/26)	Multiple Bonds and Resonance 12.7 to pg. 287 only	Disc. Sect. Wkst 4	VSEPR Model of Molecular Structure 12.8-12.10	ALEKS Objective 4 Due (11:59pm)	Quiz 2: Ch 4 & 12
Week 6 (11/2)	Chemical Nomenclature 5.1-5.5, 5.7	Disc. Sect. Wkst 5	Counting by Weighing, The Mole 8.1-8.4	ALEKS Objective 5 Due (11:59pm)	Molar Mass 8.5
Week 7 (11/9)	% Composition, Empirical & Molecular Formulas 8.6-8.9	Disc. Sect. Wkst 6	HOLIDAY	ALEKS Objective 6 Due (11:59pm)	Quiz 3: Ch 5 & 8
Week 8 (11/16)	Chemical Reactions, Balancing Chemical Reactions 6.1-6.3	Disc. Sect. Wkst 7	QUIZ 3 RETAKE	ALEKS Objective 7 Due (11:59pm)	Chemical Equations and the Mole 9.1-9.3
Week 9 (11/23)	Stoichiometry & Mass 9.3	Disc. Sect. Wkst 8	Quiz 4: Ch 6 & 9 (1-3 only) ALEKS Objective 8 Due (11:59pm)	HOLIDAY	HOLIDAY
Week 10 (11/30)	Concept of Limiting Reactants, LR Calculations 9.4-9.5	Disc. Sect. Wkst 9	More Limiting Reactants, Percent Yield 9.4-9.6	ALEKS Objective 9 Due (11:59pm)	Bonding Review, Precipitation Reactions 12.1, 7.1-7.3
Week 11 (12/7)	Types of Reactions: Acid/Base & Redox Reactions; Synthesis, displacement, combustion reactions 7.4-7.7	Disc. Sect. Wkst 10	Quiz 5: Ch 9 (4-6) & 7	ALEKS Objective 10 Due (11:59pm)	Wrap-up of material ahead of Final Exam
Finals Week (12/14)	All ALEKS Open-Pie work due by 11:59pm	Final Exam Dec 15th 8:30am-10:20am			

****TEXTBOOK SECTIONS:** read these ahead of attending the scheduled class session

****QUIZZES:** online in Canvas during the scheduled "lecture" session on Fridays (Qz #1-#3) or Wednesdays (Qz #4-#5)

****ALEKS** deadlines are 11:59pm Thursdays except Obj #8 in week 9 which is due on a Wed; last Knowledge Check of the quarter will be after Obj #9 in week 10