

Tentative lecture schedule: Chem 4, Fall 2020

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Week	MONDAY	WEDNESDAY	FRIDAY
#1 Aug 31	Introductions and syllabus	Rd: 3.1-3.6, 4.1, 4.2 Matter/Atoms	Rd: 4.6 Periodic table
#2 Sept 7	No Class: Labor Day	Rd: 4.3-4.5, 4.8 Nucleus and isotopes	Rd: 4.9 Atomic mass
#3 Sept 14	Rd: 5.1-5.3 Compounds	Rd: 5.4, 4.7, 5.5 Ionic compounds	Rd: 5.6-5.7 Naming: ionic
#4 Sept 21	Rd: 5.7 cont. Naming: ionic	Rd: 5.9 Naming: acids	Rd: 5.8, 5.10 Naming: molecular
#5 Sept 28	Review Session: Exam #1	Exam #1	Science in the News: Climate change
#6 Oct 5	Rd: 2.1-2.4 Sig figs	Rd: 2.4 cont., 5.11 Formula mass	Rd: 2.4 cont. Sig figs
#7 Oct 12	Rd: 2.5-2.6 Units/Conversions	Rd: 2.7-2.8 Units/Conversions	Rd: 2.9 Units to power
#8 Oct 19	Rd: 2.10-2.11 Density	Rd: 3.8-3.10 Energy and temperature	Rd: 3.11-3.12 Heat capacity
#9 Oct 26	Rd: 3.12 cont. Heat capacity	Class cancelled	Review Session: Exam #2
#10 Nov 2	Exam #2	Rd: 6.1-6.3 Mole	Rd: 6.4 Mole
#11 Nov 9	Rd: 6.5 Mole	No Class: Veteran's Day	Rd: 6.6-6.7 Mass percent
#12 Nov 16	Rd: 6.8-6.9 Empirical formulas	Rd: 3.7, 7.1-7.4 Chemical reactions	Rd: 7.5-7.7 Solutions/NIE
#13 Nov 23	Rd: 7.8 Acid base	Asynchronous lecture: Rd: 7.8 cont. Gas reactions	No Class: Thanksgiving Holiday
#14 Nov 30	Rd: 7.9-7.10 Types of reactions	Review Session: Exam #3	Exam #3
#15 Dec 7	Rd: 8.1-8.4 Reaction calculations	Rd: 8.5-8.6 Limiting reactants	Review Session: Final Exam
#16 Dec 14	Final Exam for MWF 8 am lecture: 8 – 10 am		Final Exam for MWF 10 am lecture: 8 – 10 am