

CH 101 FALL SEMESTER, 2020: LABORATORY SCHEDULE

CH101 Zoom lab lectures: Thursday, 11:15am-12:05pm

(recordings will be posted soon after)

Week #	DATES	LAB LECTURE	LAB EXPERIMENT
1	9/2 – 4	Lab lecture #1: Ch101 Lab course introduction	No labs
2	9/7 – 11	Lab lecture #2: Density	Exp.#1: Intro lab #1
3	9/14 – 18	Lab lecture #3: Absorption and emission spectroscopy and properties of light	Exp. #2: Density lab
4	9/21 – 25	Lab lecture #4: Flame test	Exp. #3: Hydrogen atom spectroscopy
5	9/28 – 10/2	Lab lecture #5. PhET simulation: Coulomb's law and ionic compounds.	Exp. #4: Flame test lab
6	10/5– 9	No lab lectures	Exp. #5: Coulomb's law and ionic compounds.
7	10/12 – 16	Lab lecture #6: Lewis structures and Molecular shapes	No labs: Monday 10/12 is a holiday, Tuesday 10/13 – substitute Monday day
8	10/19 – 23	No lab lectures	Exp. #6: Lewis structure and Molecular shapes
9	10/26– 30	Lab lecture #7: Empirical formula for a hydrate	No labs
10	11/2 – 6	Lab lecture #8: Spectrophotometric analysis of cooper	Exp. #7: Empirical formula for a hydrate
11	11/9– 13	Lab lecture #9: Gas law	Lab #8: Spectrophotometric analysis of cooper
12	11/16– 20	Lab lecture #10: Enthalpy of chemical reaction	Exp. #9: Charles's law
13	11/23– 27	Fall Recess 11/25 – 29: No labs and lab lectures	
14	11/30 – 12/4	No lab lectures	Exp.#10: Enthalpy of chemical reaction
15	12/7-10 (Thu)	Last week of classes: No labs	