

CHEM 122 - GENERAL CHEMISTRY I LABORATORY

SCHEDULE OF EXPERIMENTS

Winter 2019

<u>Expt</u>	<u>Name</u>	<u>Pages</u>	<u>Dates</u>
	Discussion of Lab Policies	iii-x	Jan 14-16
	Introduction to "PRELAB" and "GRAPHICAL ANALYSIS"	xi-xvi	Jan 14-16
1	Determination of Density	1-1 – 1-6	Jan 14-16
--	MLK Day – no labs this week	--	Jan 21-23
2	Fun with Gas Laws	2-1 – 2-8	Jan 28-30
3	Density of Aqueous Sodium Chloride Solutions	3-1 – 3-6	Feb 4-6
4	Synthesis of Zinc Iodide	4-1 – 4-10	Feb 11-13
5	Conductivity and Chemical Reactions	5-1 – 5-11	Feb 18-20
--	Winter Recess	--	Feb 25-27
6	Titration of an Unknown Acid	6-1 – 6-6	Mar 4-6
7	Solution Calorimetry	7-1 – 7-12	Mar 11-13
9	Analysis of Calcium Carbonate Tablets	9-1 – 9-7	Mar 18-20
10	Analysis of Phosphorus in Plant Food	10-1 – 10-7	Mar 25-27*
11	Introduction to Spectrometry	11-1 – 11-10	Apr 1-3
12	Analysis of Aspirin	12-1 – 12-9	Apr 8-10
--	Laboratory Skills Examination	LSE-1 – LSE-6	Apr 15-17

*The final weighing of product and calculation of result will occur during the following week's lab meeting.