

Lab Manual: General Chemistry 1: Laboratory Manual by Lidia Berbeci, Ph D., and Husam Abbasi. Broward College-South Campus 3rd Edition 2023.

LAB SCHEDULE
CHM 1045L

DATE	SESSION #	EXPERIMENT TITLE	Exp. # / Page #s
January 8	1	Introduction, Laboratory Safety, and Equipment Check in	pp. v-vii
January 10	2	Lab Techniques, Glassware, Equipment, Data Collection, and Lab Report.	pp. viii-liv
January 15		MLK Birthday (No Lab Meetings)	
January 17	3	Measuring Mass and Density. (Lab Reports Exp. #1 due on Session 4)	Exp. #1/pp. 1-12
January 22	4	Physical and Chemical Properties (Lab Reports Exp. #2 due on Session 5)	Exp. #2 /pp. 13-28
January 24	5	The Mole in Chemical Formula. (Lab Reports Exp. #3 due on Session 6)	Exp. #3 /pp. 29-42
January 29	6	Preparation of Rochelle Salt: Synthesis of a compound and Stoichiometric Calculations. (Lab Report Exp. #4 due on Session 8)	Exp. #4 /pp. 43-54
January 31	7	The Heat Capacity of Metals. (Lab Report Exp. #5 due on Session 8)	Exp. #5 /pp. 55-70
February 5	8	Enthalpy Changes in Chemical Reactions: Hess's Law (Lab Report Exp. #6 due on Session 9)	Exp. #6 /pp. 71-86
February 7	9	Atomic Weight of a Metal (Lab Report Exp. #7 due on Session 10)	Exp. #7 /pp. 87-98
February 12	10	Characterizing Elements (Lab Report Exp. #8 due on Session 11)	Exp. #8 /pp. 99-114
February 14	11	Quantitative Analysis of Vinegar via Titration (Lab Report Exp. #9 due on Session 12)	Exp. #9 /pp. 115-132
February 19	12	Molecular Shapes & Review (Lab Report Exp. # 10 due on Session 13)	Exp. #10 /pp. 133-142
February 21	13	FINAL PRACTICAL EXAM	

****Important Dates**

January 15..... MLK Day (No Lab meetings.)

February 12 Last day to withdraw or change to/from Audit.

STUDENTS ARE REQUIRED TO PURCHASE A LAB MANUAL FOR THE FIRST LAB.