

Lab Manual: General Chemistry I Lab Manual. 3rd Edition by Berbeci, Ph.D. Lidia; Abbasi, Husam (2023)

LAB SCHEDULE
CHM 1045L

DATE	SESSION #	EXPERIMENT TITLE	Exp. # / Page #s
January 10, 12	1	Introduction, Orientation, Safety	
January 17, 19	2	Lab Procedures, and Lab Techniques	pp. v-liv
January 24, 26	3	Measuring Mass and Density (Lab Reports Exp. #1 due on Session #4)	Exp. #1 /pp. 1-12
January 31, February 2	4	Physical and Chemical Properties (Lab Report Exp. #2 due on Session #5)	Exp. #2 /pp. 13-28
February 7, 9	5	The Mole in Chemical Formulas (Lab Report Exp. #3 due on Session #6)	Exp. #3 /pp. 29-42
February 14, 16	6	Preparation of Rochelle Salt: Synthesis of a Compound and Stoichiometric Calculations (Lab Reports Exp. #4 due on Session #7)	Exp. #4 /pp. 43-54
February 21, 23	NO CLASS	NO CLASS	
February 28, March 1	7	The Heat Capacity of Metals (Lab Report Exp. #5 due on Session #8)	Exp. #5 /pp. 55-70
March 4, 10	NO CLASS	NO CLASS	
March 13, 15	8	Enthalpy Changes in Chemical Reactions: Hess's Law (Lab Report Exp. #6 due on Session #9)	Exp. #6 /pp. 71-86
March 20, 22	9	The Atomic Weight of a Metal (Lab Report Exp. #7 due on Session #10)	Exp. #7 /pp. 87-98
March 27, 29	10	Characterizing Elements (Lab Report Exp. #8 due on Session #11)	Exp. #8 /pp. 99-114
April 3, 5	11	Quantitative Analysis of Vinegar via Titration (Lab Report Exp. #9 due on Session #12)	Exp. #9 /pp. 115-132
April 10, 12	12	Molecular Shapes (Lab Report Exp. #10 due on Session #13)	Exp. #10 /pp.133-142
April 17, 19	13	Review	
April 24, 26	14	FINAL PRACTICAL	

****Important dates:**

February 21- No CHM1045L MWC Only
 February 23- No class- Professional Development Day
 March 4-10- No class- Spring Break
 March 22- Last Day to Withdraw or change to/from Audit.

****Register and make a one on one or group review appointment with a tutor via WCOonline: www.myWCO.com/ascsouth**

Lab website: <https://sites.broward.edu/science-wellness-miramar/>