

General Chemistry Lab II CHM 1046L (Term 20242)
Term I Session 1 (Meeting on Tuesdays) South Campus

Text: Lab Manual: General Chemistry II: Lab Manual by Lidia Berbeci, Ph D., and Husam Abbasi.
 Broward College-South Campus 4th Edition 2023.

LAB SCHEDULE
CHM 1046L

DATE	Session #	TITLE	Exp. # / Page #s
January 9	1	Introduction, Safety Contract, Laboratory Safety, Data collection and analysis, General Guidelines for Writing Lab Reports	Exp. 1-3/ pp. 1-38
January 16	2	The Molar Mass of a Soluble Substance by Freezing-Point Depression (Lab Report Exp. # 4 due on Session # 3)	Exp # 4/ p.p. 39-56
January 23	3	Determination of Aspirin by Spectrophotometric Analysis (Lab Report Exp. #5 due on Session # 4)	Exp #5/pp. 57-70
January 30	4	The Rate of a Chemical Reaction: Chemical Kinetics (Lab Report Exp. # 6 due on Session # 5)	Exp # 6/ p.p. 71-88
February 6	5	Spectrophotometric Determination of an Equilibrium Constant (Lab Report Exp. # 7 due on Session # 6)	Exp # 7/ p.p. 89-106
February 13	6	Some Examples of Chemical Equilibria: Le Chatelier's Principle (Lab Report Exp. # 8 due on Session # 7)	Exp # 8/ p.p. 107-118
February 20	7	Determination of a Weak Acid's Ionization Constant by Titrimetry (Lab Report Exp. # 9 due on Session # 8)	Exp #9/ p.p. 119-134
February 27	8	The Solubility Product Constant of Calcium Iodate, $\text{Ca}(\text{IO}_3)_2$ (Lab Report Exp. # 10 due on Session # 9)	Exp # 10/ p.p. 135-148
March 5		Spring break (No Lab Meetings)	
March 12	9	Electrolysis and Avogadro's number (Lab Report Exp. # 11 due on Session # 10)	Exp # 11/ p.p. 149-160
March 19	10	Electrochemical Cells (Lab Report Exp. # 12 due on Session # 11)	Exp # 12/ p.p. 161-176
March 26	11	Determination of calcium in Antacid (Lab Report Exp. # 13 due on Session # 12)	Exp # 13/ p.p. 177-188
April 2	12	Equilibria of Coordination Compounds (Lab Report Exp. # 14 due on Session # 13)	Exp#14/p.p. 189-202
April 9	13	Review	
April 16	14	FINAL PRACTICAL EXAM	

****Important dates:**

March 4-10.....Spring break.

March 22 Last day to withdraw or change to/from Audit.