

Text: Lab Manual: General Chemistry II: Lab Manual by Lidia Berbeci, Ph D., and Husam Abbasi.
Broward College-South Campus 3rd Edition 2018.

LAB SCHEDULE
CHM 1046L

DATE	Lab #	TITLE	Exp. # / Page #s
August 23	1	Introduction, Safety Contract, Laboratory Safety, Data collection and analysis, General Guidelines for Writing Lab Reports	Exp. 1-3/ pg. 1-38
August 30	2	Determination of Molar Mass by Freezing Point Depression (Lab Report Exp. # 4 due on Session # 3)	Exp. # 4/ pg. 39-56
September 13	3	Enthalpy Changes in Chemical Reactions: Hess's Law (Lab Report Exp. 5 due on Session # 4)	Exp. #5/pg. 57-72
September 20	4	The Heat Capacity of Metals (Lab Report Exp. # 6 due on Session # 5)	Exp. # 6/ pg. 73-88
September 27	5	The Rate of a Chemical Reaction: Chemical Kinetics (Lab Report Exp. # 7 due on Session # 6)	Exp. # 7/ pg. 89-106
October 4	6	Spectrophotometric Study of an Equilibrium Reaction (Lab Report Exp. # 8 due on Session # 7)	Exp. # 8/ pg. 107-124
October 11	7	Some Examples of Chemical Equilibria: Le Chatelier's Principle (Lab Report Exp. # 9 due on Session # 8)	Exp. #9/ pg. 125-136
October 18	8	Determination of a Weak Acid's Ionization Constant by Titrimetry (Lab Report Exp. # 10 due on Session # 9)	Exp. # 10/ pg. 137-152
October 25	9	The Solubility Product Constant of Calcium Iodate, Ca(IO ₃) (Lab Report Exp. # 11 due on Session # 10)	Exp. # 11/ pg. 153-166
November 1	10	Redox Titrations: The Oxidizing Capacity of a Household Cleanser or Liquid Bleach (Lab Report Exp. # 12 due on Session # 11)	Exp. # 12/ pg. 167-178
November 8	11	Electrochemical Chemistry (Lab Report Exp. # 13 due on Session # 12)	Exp. # 13/ pg. 179-194
November 15	12	Determination of Calcium in Antacid (Lab Report Exp. # 14 due on Session # 13)	Exp. # 14/ pg. 195-206
November 22	13	Review	
November 29	14	FINAL EXAM (All Experiments)	

****Important dates:**

September 6- No CHM1046L- MWC Only

Oct 26- 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/>