

**General Chemistry Lab CHM 1045L**  
**Term I Session 1 (Meeting on Mondays) South Campus**

*(Term 20221)*

**Lab Manual:** General Chemistry 1: Lab Manual by Lidia Berbeci, Ph.D. and Husam Abbasi. Broward College-South Campus 2<sup>nd</sup> Edition 2017.

LAB SCHEDULE  
 CHM 1045L

DATE	SESSION #	EXPERIMENT TITLE	Exp. # / Page #s
August 23	1	Introduction, Orientation, Safety Contract, Laboratory Safety, and Equipment Check in	
August 30	2	Lab Procedures and Lab Techniques and Measuring Mass and Density (Lab Reports Exp. #1 due on Session 3)	pp. v-liv & Exp. #1/pp. 1-12
<b>September 6</b>		<b>Holiday (Labor Day)</b>	
September 13	3	Physical and Chemical Properties (Lab Reports Exp. #2 due on Session 4)	Exp. #2 /pp. 13-28
September 20	4	Determining the Mass Percent of the Elements in Copper Chloride (Lab Report Exp. # 3 due on Session 5)	Exp. #3 /pp. 29-42
September 27	5	The Mole in Chemical Formula (Lab Reports Exp. #4 due on Session 6)	Exp. #4 /pp. 43-56
October 4	6	Preparation of Rochelle Salt: Synthesis of a compound and Stoichiometric Calculations (Lab Report Exp. #5 due on Session 8)	Exp. #5 /pp. 57-68
<b>October 11</b>		<b>Holiday (Indigenous Day)</b>	
October 18	7	Quantitative Analysis of Vinegar via Titration (Lab Report Exp. #8 due on Session 8)	Exp. #8 /pp. 97-114
October 25	8	Atomic Weight of a Metal (Lab Report Exp. #6 due on Session 9)	Exp. #6 /pp. 69-80
November 1	9	Characterizing Elements (Lab Report Exp. #7 due on Session 10)	Exp. #7 /pp. 81-96
November 8	10	Determination of Aspirin by Spectrophotometric Analysis (Lab Report Exp. #9 due on Session 11)	Exp. #9 /pp. 115-128
November 15	11	Molecular Shapes (Lab Report Exp. # 10 due on Session 12)	Exp. #10 /pp. 129-137
November 22		Review	
November 29	13	<b>FINAL PRACTICAL EXAM</b>	

**\*\*Important Dates:**

September 7..... Holiday (Labor Day)  
 October 26 ..... Last day to withdraw or change to/from Audit.

**STUDENTS ARE REQUIRED TO PURCHASE THE LAB MANUAL FOR THE FIRST MEETING.**