



**TABLE OF SPECIFICATIONS**  
Chem 150.1 Physical Chemistry Laboratory  
1<sup>st</sup> Semester AY 2021-2022

Examination: \_\_\_ Midterm ✓ Final

Date of Examination: December 13-17, 2021

Content	No. of Meetings	Course Outcome/Learning Outcome (CO/LO)	%	Taxonomy of Objectives						Total Items
				Remembering	Understanding	Applying	Analyzing	Evaluating	Creating	
				32.76 %	18.97 %	25.86 %	20.69 %	1.72 %		
Ideal Gas Law in Food	1	CO1: Explain the theories and principles of physical chemistry behind the experimental procedures involved.	5.17	3						3
Real Gases	1		10.34	2	1	2	1			6
Gas Permeability in Food Packaging	1		13.79	3	2	2	1			8
Determination of Calorific Value in Food Samples Using Bomb Calorimetry	1	CO3: Analyze and present experimental data.	15.52	3	2	3	1			9
Determination of Partition Coefficient	1		12.07	3	1	2	1			7
Distillation of Binary Liquids	1		12.07	3	2	2				7
Steam Distillation	1		5.17		2	1				3
Ternary Phase Diagram in Emulsions	1		13.79	1		1	6			8
Colligative Properties in Ice Cream	1		12.07	1	1	2	2	1		7