



TABLE OF SPECIFICATIONS

Chem 140 – Quantitative Inorganic Analysis
1st Semester AY 2022 -2023

Examination: Midterm **XX** Final

Date of Examination: January 27, 2023

Content	No. of Meet ings	Course Outcome/ Learning Outcome (CO/LO)	%	Taxonomy of Objectives						Total Items
				Remembering	Understanding	Applying	Analyzing	Evaluating	Creating	
				___%	___%	___%	___%	___%	___%	
Ionic Strength of Solutions	2	CO 3 / LO 5.1-5.2	17.1		11.4	4.3		1.4		12
Gravimetric Method of Analysis	2	CO 4 / LO 6.1-6.2	12.9	5.7	4.3	2.9				9
Volumetric Method of Analysis	2	CO 4 / LO 7.1-7.2	28.6	4.3	11.4	4.3	4.3	4.3		20
Optical Method of Analysis	2	CO 4/ LO 8.1-8.2	41.4	15.7	4.3	4.3	8.6	8.6		29
Total	8		100%	25.7	31.4	15.7	12.9	14.3		70
Item Arrangement				I:1,10-19, 23-26 II:4-6	I: 2-9, 13-20, 28-30 II:21,25, 26	I:20-24, II:1-3, 22-24, 30-31	II:7-12, 27-29	I: 27 II:32-40		

Types of Test: (example: Multiple Choice, Alternative Response, Essay, Fill in the blanks, etc)

Test I Multiple Choice
Test II True or False