



## TABLE OF SPECIFICATIONS

CHEM 212 – ANALYTICAL CHEMISTRY  
1<sup>st</sup> Semester AY 2022 -2023

Examination: XX Midterm Final

Date of Examination: 12 Nov 2022

Content	No. of Meetings	Course Outcome/Learning Outcome (CO/LO)	%	Taxonomy of Objectives						Total Items
				Remembering	Understanding	Applying	Analyzing	Evaluating	Creating	
				___%	___%	___%	___%	___%	___%	
Introduction to Analytical Chemistry	2	CO 1 / LO 1.1-1.2	38	16	14	4		2		18
Statistical Treatments of Quantitative Data	2	CO 1 / LO 2.1-2.2	32	14	12	2	2		2	16
Ionic Equilibria for Analytical Chemistry	3	CO 2 / LO 3.1-3.2	32	14	12	2	2		2	16
<b>Total</b>	<b>7</b>		<b>100%</b>	<b>44</b>	<b>38</b>	<b>8</b>	<b>4</b>	<b>2</b>	<b>4</b>	<b>50</b>
<b>Item Arrangement</b>				I: 5, 7-11, 21, 23-26, 30-35, 37, 40, 43, 47, 50	I: 1-4, 6, 12-13, 20, 22, 27-29, 39, 41-42, 44-45, 48-49	I: 14, 36, 38, 46	I: 15, 18	I: 16	I: 17, 19	

Type/s of Test: (example: Multiple Choice, Alternative Response, Essay, Fill in the blanks, etc)  
Test I Multiple Choice

Prepared by:	Name of Course Instructor /Professor FELIX M. SALAS	Signature 	Date Signed 17 Oct 2022
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Department Instructional Materials Review Committee:

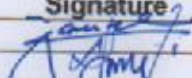
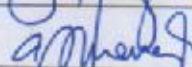
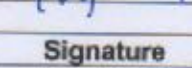
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A globally competitive university for science, technology, and environmental conservation.  
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Department Instructional Materials Review Committee:

Committee	Name	Signature	Date Signed
Member:	JACOB GLENN F. JANSALIN		10/24/22
Member:	ALLAN A. RAMAL		10/24/22
Chairperson/ Department Head:	ELIZABETH S. QUEVEDO		10/24/2022

	Name	Signature	Date Signed
Verified by:	ANABELLA B. TULIN Dean, OGS		
Validated by:	NANCY D. ABUNDA Head, IMD		

Note: A copy of the test paper with answer key shall be attached to the TOS.

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