



TABLE OF SPECIFICATIONS

Chem 113n General Inorganic and Organic Chemistry

1st Semester AY 2022-2023

Examination: ☒ Midterm ☐ Final ☐ Long Exam

Date of Examination: November 7, 2022

Content	No. of Meetings	Course Outcome/Learning Outcome (CO/LO)	%	Taxonomy of Objectives						Total Items
				Remembering	Understanding	Applying	Analyzing	Evaluating	Creating	
				30%	28%	24%	18%			
Definition of scope and the Scientific Method	2	CO1: Describe the basic concepts of atoms, its theories; classification of matter and the importance of measurements; the elements as shown in the periodic table; writing chemical formulas and naming compounds	10%	3	1	1				5
Matter – Classification, Physical States, Properties	1		18%	1	3	3	2			9
Measurements	2		18%	3	2	2	2			9
The Atom, Subatomic Particles, and the Atomic Structure	1		22%	4	3	2	2			11
The Elements – Atomic Number, Mass Number and Isotopes	2		14%	1	3	1	2			7
Chemical Formula Writing and Naming of Compounds	1		18%	3	2	3	1			9
Total	9		100 %	15	14	12	9			50
Item Arrangement				I. 1-10 II. 11-15 III. 3-8	I. 11-15 II. 1-5 III. 1,2 IV. 3,4	II. 6-10 III. 9-15 IV. 1,2	III. 1-8 IV. 5			

Type/s of Test:

Test I Multiple Choice
Test II Matching Type

Test III Modified True or False
Test IV Essay

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Mission: Development of a highly competitive human resource, cutting-edge scientific knowledge and innovative technologies for sustainable communities and environment.