VISAYAS STATE UNIVERSITY

DEPARTMENT OF PURE & APPLIED CHEMISTRY
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TABLE OF SPECIFICATIONS

Chem 208 – Chemical Thermodynamics
2nd Semester AY 2022 -2023

Examination: X Midterm __ Final

Date of Examination: April 19, 2023

Content	No. of Meetings	Course Outcome/Learning Outcome (CO/LO)	%	Taxonomy of Objectives						Total Items
				Remembering	Understanding	Applying	Analyzing	Evaluating	Creating	
				__%	__%	__%	__%	__%	__%	
Introduction to Chemical Thermodynamics	2	CO 1 / LO 1.1-1.2	34.0	8.0	8.0	6.0	6.0	4.0	2.0	17
Mathematical Formalisms in Chemical Thermodynamics	2	CO 1 / LO 2.1-2.2	20.0		4.0	4.0	4.0	4.0	4.0	10
Perfect Gases and Ideal Gas Laws	2	CO 2 / LO 3.1-3.2	22.0	4.0	4.0	4.0	4.0	4.0	2.0	11
Imperfect Gases and Real Gas Laws	2	CO 2 / LO 4.1-4.2	24.0	4.0	4.0	4.0	4.0	4.0	4.0	12
Total	8		100%	**16.0**	**20.0**	**18.0**	**18.0**	**16.0**	**12.0**	50
Item Arrangement				I:1,2, 3,4 II: 7,8 III: 1,2	I:5,6, 7,8,11, 12 II:9,10 III:3,4	I: 9, 10,13, 14 II:1,11, 12 III:5,6	I: 15, 16, II:2,3, 4,13, 14 III:7,8	I: 17, 18, II:5,6, 15 III:9,10, 12	I: 19,20 III:11,13, 14,15	

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

Test I Matching Type
Test II Modified True or False
Test III Multiple Choice

Prepared by:	Name of Course Instructor /Professor	Signature	Date Signed
	FELIX M. SALAS		March 31, 2023

Department Instructional Materials Review Committee:

Committee	Name	Signature	Date Signed
Member:	ALLAN A. RAMAL		March 31, 2023
Chairperson/ Department Head:	ELIZABETH S. QUEVEDO		March 31, 2023

	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.

Distribution of copies: OIMD, College, Department, Faculty