



TABLE OF SPECIFICATIONS

Chem 157 – Physical Chemistry I
2nd Semester AY 2021 -2022


Examination: ___ Midterm XXX Final

Date of Examination: June 9, 2022


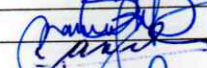
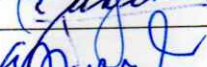
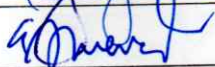
Content	No. of Meetings	Course Outcome/ Learning Outcome (CO/LO)	%	Taxonomy of Objectives						Total Items
				Remembering	Understanding	Applying	Analyzing	Evaluating	Creating	
				___%	___%	___%	___%	___%	___%	
Zeroth law of thermodynamics	3	CO 3 / LO 5.1-5.2	22.9	7.2	12.0	3.6				19
First law of thermodynamics	3	CO 4 / LO 6.1-6.2	30.1	7.2	4.8	4.8	10.8	2.4		25
Second law of thermodynamics	3	CO 4 / LO 7.1-7.2	22.9	3.6	8.4	2.4	1.2	6.0	1.2	19
Third law of thermodynamics	3	CO 3 / LO 8.1-8.2	24.1	6.0	7.2				10.8	20
Total	12		100	24.0	32.4	10.8	12.0	8.4	12.0	83
Item Arrangement				I: 1-15 III: 1-5	I: 16-30 III: 6-17	II: 1-4 III: 18-22	II: 5-8 III: 23-28	II: 9-12 III: 29-31	II: 13-15 III: 32-38	

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

Test I True or False
Test II Problem Solving
Test III Multiple Choice

Prepared by:	Name of Course Instructor /Professor	Signature	Date Signed
	FELIX M. SALAS		5 May 2022

Department Instructional Materials Review Committee:

Committee	Name	Signature	Date Signed
Member:	ATOZ A. VASQUEZ		
Member:	MARIA ROBELYN M. AUREO-INSIK		
Member:	JACOB GLENN F. JANSALIN		
Chairperson/ Department Head:	ELIZABETH S. QUEVEDO		30 June 2022

	Name	Signature	Date Signed
Verified by:	MA THERESA P. LORETO Dean, CAS		
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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