



TABLE OF SPECIFICATIONS

Phys 190 – Special Topics in Physics

1st Semester AY 2021-2022

Examination: ___ Midterm ☒ Final

Date of Examination: 01/27/2022

Content	No. of Meetings	Course Outcome/ Learning Outcome (CO/LO)	%	Taxonomy of Objectives						Total Items
				Remembering	Understanding	Applying	Analyzing	Evaluating	Creating	
				30%	25%	15%	15%	15%	0%	
Thermo-dynamics		Explain the Laws of Thermodynamics and the processes attached to it.								
Heat	1	Define temperature and describe it qualitatively Solve problems involving heat transfer.	20%	3	1	1	2	1		8
Kinetic Theory of Gases	1	Apply the ideal gas law to situations involving the pressure, volume, temperature, and the number of molecules of a gas.	5%	2		1	1			4
Laws of Thermodynamics	1	Explain how heat transfer, work done, and internal energy change are related in any thermodynamic process. Calculate the efficiency of an engine for a given cycle of an ideal gas.	5%	2	1					3