VISAYAS STATE UNIVERSITY
DEPARTMENT OF METEOROLOGY
1/F Annex Engineering Building
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TABLE OF SPECIFICATIONS

ESci 114 – Physics for Engineers (Calculus-based)

First Semester AY 2021-2022

Examination: ___ Midterm ___x__Final Date of Examination: 16 December 2021

Content	No. of Meetings	Course Outcome/Learning Outcome	% Meeting	Taxonomy of Objectives						Total Items
				Remembering	Understanding	Applying	Analyzing	Evaluating	Creating	
				30%	30%			40%		
Electricity and Magnetism	7	CO 3: Identify, explain, and perform computations on Electricity and Magnetism.	53.85%	5	5			6		16
Wave and Optics	6	CO 4: Identify, explain, and perform computations on Wave and Optics.	46.15%	4	4			6		14
Total	**13**		100.00 %	**9**	**9**			**12**		**30**
Item Arrangement				Part I (1-9)	Part I (10-18)			Part II (1-12)		

Type/s of Test:

Part I Multiple Choice
Part II Problem Solving

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TABLE OF SPECIFICATIONS

EC 131 - Astronomy

First Semester AY 2021-2022

Examination: ___ Midterm ___x__Final Date of Examination: 15 December 2021

Content	No. of Meetings	Course Outcome/Learning Outcome (CO/LO)	%	Taxonomy of Objectives						Total Items
				Remembering	Understanding	Applying	Analyzing	Evaluating	Creating	
				40%	30%	20%	10%			
Laws of Planetary Motions and Newton's Laws of Universal Gravitation	4	Explain the motion of the celestial bodies in the Universe Identify the different laws associated with the motion of the celestial bodies	30.77 %	4	3	2	1			10
Orbits in the Solar System	4	Discuss the motion of celestial bodies in time using the laws Apply the laws related to celestial mechanics to determine the position of the celestial bodies	30.77 %	4	3	2	1			10
The Solar System	5	Discuss the Sun, planets, asteroids, and comets Explain the characteristics of every celestial bodies in the solar system and the origin of the solar system	38.46 %	5	4	2	1			12