



TABLE OF SPECIFICATION  
AT222 Midterm Examination  
2<sup>nd</sup> Semester, A.Y. 2024-2025



TOPICS	Time Allotment (Hour)	NUMBER OF ITEMS IN COGNITIVE LEVELS										Total	ITEM PLACEMENT							
		Remembering (R)		Understanding (U)		Applying (A)		Analyzing (An)		Evaluating (E)			R	U	A	An	E	C		
		15%	20%	20%	25%	10%	10%													
2 STROKE AND 4 STROKE ENGINE MOTORCYCLE	6	1.73	2	2.31	2	2.31	2	2.88	3	1.15	1	1.15	1	11	1,28	2,3	4,5	6,7,8	9	10
CLUTCH SYSTEM OF MOTORCYCLE	3	0.87	1	1.15	1	1.15	1	1.44	1	0.58	1	0.58	1	6	11	12	13	14	15	16
SUSPENSION SYSTEM OF MOTORCYCLE	6	1.73	2	2.31	2	2.31	2	2.88	3	1.15	1	1.15	1	11	17,18	19,20	21,22	23,24,25	26	27
TIRE TYPES AND BRAKING SYSTEM OF MOTORCYCLE	3	0.87	1	1.15	1	1.15	1	1.44	1	0.58	1	0.58	1	6	29	30	31	32	33	34
COOLING SYSTEM OF MOTORCYCLE	3	0.87	1	1.15	1	1.15	1	1.44	1	0.58	1	0.58	1	6	35	36	37	38	39	40
ELECTRICAL SYSTEM OF MOTORCYCLE	5	1.44	1	1.92	2	1.92	2	2.40	3	0.96	1	0.96	1	10	41	42,43	44,45	46,47,48	49	50
TOTAL	26	7.5	8	10.0	9	10.0	9	12.5	12	5.0	6	5.0	6	50						

Prepared by: SHELMER D. CARIGABA/KRISTIAN JAY O. CABANAL/RANDY T. BERINA

Approved by:

Date: MARCH 17, 2025

SHELMER D. CARIGABA/KRISTIAN JAY O. CABANAL/RANDY T. BERINA  
Course Facilitator

JENA MARY VALERIO, MAT  
Program Chairperson



TABLE OF SPECIFICATION  
AT122 Midterm Examination  
2<sup>nd</sup> Semester, A.Y. 2024-2025



TOPICS	Time Allotment (Hour)	NUMBER OF ITEMS IN COGNITIVE LEVELS										Total	ITEM PLACEMENT							
		Remembering (R)		Understanding (U)		Applying (A)		Analyzing (An)		Evaluating (E)			R	U	A	An	E	C		
		15%	20%	20%	25%	10%	10%													
PRINCIPLES OF ELECTRONICS	6	1.73	2	2.31	2	2.31	2	2.88	3	1.15	1	1.15	1	11	1.28	2,3	4,5	6,7,8	9	10
MULTIMETER TESTER	3	0.87	1	1.15	1	1.15	1	1.44	1	0.58	1	0.58	1	6	11	12	13	14	15	16
DIODE	6	1.73	2	2.31	2	2.31	2	2.88	3	1.15	1	1.15	1	11	17,18	19,20	21,22	23,24,25	26	27
RESISTOR	3	0.87	1	1.15	1	1.15	1	1.44	1	0.58	1	0.58	1	6	29	30	31	32	33	34
TRANSISTOR	3	0.87	1	1.15	1	1.15	1	1.44	1	0.58	1	0.58	1	6	35	36	37	38	39	40
CAPASITOR	5	1.44	1	1.92	2	1.92	2	2.40	3	0.96	1	0.96	1	10	41	42,43	44,45	46,47,48	49	50
TOTAL	26	7.5	8	10.0	9	10.0	9	12.5	12	5.0	6	5.0	6	50						

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