

College: College of Applied Industrial Technology (CAIT)
Department: Mechanical Engineering Technology (MET)
Program: Mechanical Maintenance Engineering Technology (MMET)
Degree Awarded: Diploma in Mechanical Maintenance Engineering Technology
Credit Units: 72 Academic Credit Units

First Academic Year

First Level				Weekly Contact Hours				
Course Code	Course Name	Pre	Cr. U	Lec	Lab	Tut	Tot	
101ENGD	English Language 1	---	6	10	5	--	15	
191CSC	Computer Essentials	---	1	--	2	--	2	
191MATH	Mathematics - I	---	2	1	--	2	3	
191PHYS	General Physics	---	2	1	2	--	3	
111CBS	Industrial Safety and Environment	---	1	--	2	--	2	
192CHEM	General Chemistry	---	2	1	2	--	3	
Total	6 Courses		14	13	13	2	28	Exit Point English Language Certificate

Second Level				Weekly Contact Hours				
Course Code	Course Name	Pre	Cr. U	Lec	Lab	Tut	Tot	
102ENGD	English Language 2	101ENGD	6	10	5	--	15	
121MMET	Workshop Technology	---	3	1	4	--	5	
113MMET	Introduction to Engineering Materials	192CHEM	3	2	2	--	4	
111MMET	Engineering Drawing	---	2	--	4	--	4	
Total	4 Courses		14	13	15	--	28	Exit Point English Language Certificate

Third Level				Weekly Contact Hours				
Course Code	Course Name	Pre	Cr. U	Lec	Lab	Tut	Tot	
203ENGD	Communication Skills	102ENGD	2	1	2	--	3	* Cr. U: Credit Unit
112MMET	Plant Maintenance – I	---	2	1	2	--	3	
122MMET	Welding and Inspection	121MMET	3	2	2	--	4	
191MMET	Graduation Project in Mechanical Maintenance Engineering Technology – I	20 Cr. U*	1	--	2	--	2	Exit Point English Language Certificate
Total	4 Courses		8	4	8	--	12	

Summer Semester				Weekly Contact Hours				
Course Code	Course Name	Pre	Cr. U	Lec	Lab	Tut	Tot	
181MMET	COOP Training in Mechanical Maintenance Engineering Technology – I	20 Cr. U*	2	--	40	--	40	* Cr. U: Credit Unit
Total	1 Courses		2	--	40	--	40	Exit Point Associate Diploma in Mechanical Maintenance Engineering Technology

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Fourth Level				Weekly Contact Hours				Exit Point Associate Diploma in Mechanical Maintenance Engineering Technology + Professional Certificate
Course Code	Course Name	Pre	Cr. U	Lec	Lab	Tut	Tot	
292MATH	Mathematics – II	191MATH	3	2	--	2	4	
204ENGD	Technical English	102ENGD	2	1	2	--	3	
214MMET	Strength of Material	191PHYS	2	1	2	--	3	
241MMET	Engineering Drawing II	111MMET	1	--	2	--	2	
242MMET	Machine Elements	112MMET	2	1	2	--	3	
223MMET	Metrology and Quality Control	121MMET	3	2	2	--	4	
232MMET	Applied Thermodynamics	191PHYS	2	1	2	--	3	
Total	7 Courses		15	8	12	2	22	

Fifth Level				Weekly Contact Hours				Exit Point Associate Diploma in Mechanical Maintenance Engineering Technology + Professional Certificate
Course Code	Course Name	Pre	Cr. U	Lec	Lab	Tut	Tot	
294MATH	Applied Statistics	292MATH	2	1	--	2	3	
293MATH	Calculus	292MATH	3	2	--	2	4	
215MMET	Plant Maintenance – II	112MMET	3	2	2	--	4	
231MMET	Fluid Mechanics	191PHYS	2	1	2	--	3	
233MMET	Hydraulics and Pneumatics	232MMET	2	1	2	--	3	
234MMET	Power Generation Systems	232MMET	3	2	2	--	4	
Total	6 Courses		15	9	8	4	21	

Sixth Level				Weekly Contact Hours				* Cr. U: Credit Unit Exit Point Intermediate Diploma in Mechanical Maintenance Engineering Technology
Course Code	Course Name	Pre	Cr. U	Lec	Lab	Tut	Tot	
292MMET	Graduation Project in Mechanical Maintenance Engineering Technology – II	40 Cr. U*	2	--	4	--	4	
282MMET	COOP Training in Mechanical Maintenance Engineering Technology – II	40 Cr. U*	2	--	40	--	40	
Total	2 Courses		4	--	4+40	--	4+40	