

Diploma in Mechatronics Technology																
2nd Year / 1st Sem								2nd Year / 2nd Sem								
Course	Code	Course Title	TH	LH	CH	Co- requisite	Pre-requisite	Course	Code	Course Title	TH	LH	CH	Co- requisite	Pre-requisite	
ENG	101	English Communication	2	0	2			GSCH	101	General Chemistry	3	3	4			
GSMA	101	Calculus I	3	0	3			GSMA	102	Calculus II	3	0	3		GSMA 101	
GSPH	101	General Physics	3	3	4			ENG	102	English Composition	2	0	2		ENG 101	
GSPE	101	Physical Education I	0	2	1			ELET	102	Electrical Circuits II	2	3	3		ELET 101	
ELET	101	Electrical Circuits I	2	3	3	GSPH 101		MCET	104	Materials Technology	2	3	3	GSCH 101		
ELET	104	Computer Programming	1	3	2			MCET	105	Applied Statics	3	0	3		GSPH 101, GSMA 101	
			11	11	15						15	9	18			
3rd Year / 1st Sem								3rd Year / 2nd Sem								
Course	Code	Course Title	TH	LH	CH	Co- requisite	Pre-requisite	Course	Code	Course Title	TH	LH	CH	Co- requisite	Pre-requisite	
GSST	201	Applied Statistics	2	0	2		GSMA 102	ENG	201	Technical Report Writing	3	0	3		ENG 102	
ENGT	201	Industrial safety	0	2	1		ENG 102	GSIS	101	Islamic Ideology and Thoughts	2	0	2			
ENGT	202	Industrial Supervision	1	0	1		ENG 102	MCET	103	Machining Processes I	2	3	3	ELET 252		
ELET	202	Digital Electronics I	1	3	2		ELET 102	MCET	301	Applied Dynamics	3	0	3		MCET 105	
ELET	203	Control System Components	2	3	3		GSMA 102	ELET	251	Maintenance and Reliability Engineering in Mechatronics	0	6	2		ENGT 201, ENGT 202	
ELET	103	Electrical Machines I	2	3	3		ELET 102	ELET	252	Introduction to Mechatronics System Design	2	3	3	MCET 103		
MCET	212	Fluid Machines	2	3	3		MCET 104									
MCET	222	Applied Strength of Materials	2	3	3		MCET 104, MCET 105									
			12	17	18						12	12	16			
Cooperative Training																
Course	Code	Course Title	TH	LH	CH	Co- requisite	Pre-requisite									
ELET	350	Co-op Training (14 Weeks or 560 Hours)	0	40	3		Student should finish 67 Crdt.Hrs									