

Diploma in Manufacturing 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			ENG	102	English Composition	2	0	2		ENG 101
ENGT	101	Engineering Drafting	1	3	2			GSMA	102	Calculus II	3	0	3		GSMA 101
GSPH	101	General Physics	3	3	4			MCET	103	Machining Processes I	2	3	3	MCET 104	MCET 102
GSPE	101	Physical Education I	0	2	1			MCET	104	Materials Technology	2	3	3	GSCH 101	
MCET	101	Plant Maintenance	2	3	3	MCET 102		MCET	105	Applied Statics	3	0	3		GSPH 101, GSMA 101
MCET	102	Mechanical Measurements	1	3	2										
			12	14	17						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		
ELET	104	Computer Programming	1	3	2			ENGT	202	Industrial Supervision	1	0	1		ENG 102
ELET	204	Industrial Electricity	2	3	3			MCET	211	Applied Thermodynamics	2	3	3		MCET 222
MCET	201	Mechanical Drafting	1	3	2		ENGT 101	MCET	224	Inspection and Quality Control	1	3	2		MCET 201, MCET 222, GSST 201
MCET	221	Machining Processes II	1	6	3	MCET 222	MCET 103	MCET	226	Welding Technology	1	3	2	MCET 224	MCET 201, MCET 222
MCET	222	Applied Strength of Materials	2	3	3		MCET 104, MCET 105	MCET	2xx	Technical Elective	2	3	3		
			9	20	16						12	12	16		
Cooperative Training								Electives 2nd Semester							
Course	Code	Course Title	TH	LH	CH	Co- requisite	Pre-requisite	Course	Code	Course Title	TH	LH	CH	Co- requisite	Pre-requisite
MCET	320	Co-op Training (14 Weeks or 560 Hours)	0	40	3		Student should finish 67 Credit.Hours	MCET	223	CAD/ CAM Technology	2	3	3		MCET 201, MCET 221
								MCET	225	Tool Design	2	3	3		MCET 201, MCET 222
								MCET	227	Sheet Metal Technology	2	3	3		MCET 201, MCET 222