

Diploma in Science in Process Operations & Chemical Analysis 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			ENG	102	English Composition	2	0	2		ENG 101
GSMA	101	Calculus I	3	0	3			GSPH	101	General Physics	3	3	4		
GSCH	101	General Chemistry	3	3	4			GSMA	102	Calculus II	3	0	3		GSMA 101
ENGT	101	Engineering Drafting	1	3	2			CMET	102	Methods of Chem. Analysis	2	3	3		GSCH 101
GSPE	101	Physical Education I	0	2	1			CMET	103	Applied Organic Chemistry	2	3	3		GSCH 101
CMET	101	Intro.to Chem.Engg.Tech.	3	0	3	CMET 105		CMET	106	Process Heat Transfer	2	3	3	GSPH 101	CMET 101 CMET 105 GSMA 101
CMET	105	Fluid Mechanics	2	3	3	GSCH 101									
			14	11	18						14	12	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
ELET	104	Computer Programming	1	3	2			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		
GSST	201	Applied Statistics	2	0	2		GSMA 102	ENGT	202	Industrial Supervision	1	0	1		ENG 102
CMET	202	Chem.Engg. Thermody	2	3	3		CMET 106	CMET	203	Environmental Pollution	2	3	3		CMET 102 CMET231
CMET	205	Mass Transfer Operations	2	3	3		CMET 106	CMET	204	Process Inst. & Control	2	3	3		CMET 202 ELET 104
CMET	231	Petroleum Refining & Testing	3	3	4		CMET 103	CMET	232	Petrochemicals	3	3	4		CMET 205 CMET 231
			10	14	15						13	9	16		
Cooperative Training															
Course	Code	Course Title	TH	LH	CH	Co- requisite	Pre-requisite								
CMET	300	Co-op Training (14 Weeks or 560 Hours)	0	40	3		Student should finish 67 Crdt.Hrs								