

Diploma in Instrumentation and Control 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	Electric Circuit I	2	3	3	GSPH 101		ELET	103	Electrical Machines I	2	3	3	ELET 102	ELET 101
ELET	104	Computer Programming	1	3	2			ELET	105	Electronics I	2	3	3	ELET 102	ELET 101
			11	11	15						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
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	201	Basic Industrial Electronics	2	3	3		ELET 105	ENGT	202	Industrial Supervision	1	0	1		ENG 102
ELET	202	Digital Electronics I	1	3	2		ELET 105	ELET	212	Microcontroller	1	3	2		ELET 104, ELET 202
ELET	203	Control System Components	2	3	3		GSMA 102	ELET	242	Process Control Systems	2	3	3		ELET 203, ELET 241
ELET	211	Instrumentation Electronics	2	3	3	ELET 203	ELET 105	ELET	243	Instrumentation Trouble Shooting & Maintenance	2	6	4	ELET 242, CMET 221	ELET 211, ELET 241
ELET	241	Process Instrumentation	2	3	3	ELET 203	ELET 105	CMET	221	Analytical Instrumentation	1	3	2		ELET 105, GSCH 101
			11	17	17						12	15	17		
Cooperative Training															
Course	Code	Course Title	TH	LH	CH	Co- requisite	Pre-requisite								
ELET	340	Co-op Training (14 Weeks or 560 Hours)	0	40	3		Student should finish 67 Crdt.Hrs								