



Study Plan 2017-20
Associate Degree of Science in Instrumentation and Control Technology Program (ICTP)
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING TECHNOLOGY (ELET)

1st Year / 1st Sem								1st 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		
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
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								Remarks (if any):							
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								

	Head of Department	MD Academic Affairs	Managing Director (MD)	College Council
Name	DR ALI SAAD ALGHAMDI	DR ABDULAZIZ ALHULAIFI	DR FAHD ALOUFI	Second and final approved version
Signature				
Date	1/1/2020	1.1.2020	1/1/2020	