



Study Plan 2017-20
Associate Degree of Science in Mechatronics Technology Program (MecTP)
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			GSC1	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	GSC1 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		
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		
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								Remarks (if any):							
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								

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