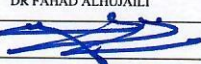
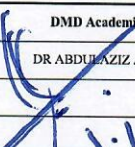




Study Plan 2017-20
Associate Degree of Science in Mechanical Maintenance Technology Program (MMTP)
DEPARTMENT OF MECHANICAL ENGINEERING TECHNOLOGY (MCET)

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			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		
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	104	Computer Programming	1	3	2			ENGT	202	Industrial Supervision	1	0	1		ENG 102
ELET	204	Industrial Electricity	2	3	3			MCET	213	Equipment Maintenance	2	6	4	MCET 214	MCET 211, MCET 212
MCET	201	Mechanical Drafting	1	3	2		ENGT 101	MCET	214	Heat Exchangers	2	3	3		MCET 211, MCET 212
MCET	211	Applied Thermodynamics	2	3	3		MCET 101, MCET 104	MCET	2xx	Technical Elective	2	3	3		
MCET	212	Fluid Machines	2	3	3	MCET 211	MCET 101, MCET 104								
			10	17	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	310	Co-op Training (14 Weeks or 560 Hours)	0	40	3		Student should finish 67 Credit Hours	MCET	217	Refrigeration and Air Conditioning Technology	2	3	3	MCET 214	MCET 212
								MCET	219	Hydraulics and Pneumatics Technology	2	3	3		MCET 201, MCET 212
								MCET	222	Applied Strength of Materials	2	3	3		MCET 104, MCET 105
		Head of Department	DMD Academic Affairs				Managing Director (MD)				College Council				
Name		DR FAHAD ALHUJAILI	DR ABDULAZIZ ALHULAIFI				DR FAHD ALOUFI				Second and final approved version				
Signature															
Date		1.1.2020	1.1.2020				1/1/2020								