

**Diploma in Aircraft Maintenance Technology**

**MAPPING**

Block Delivery EASA/GCAA Modular Courses

CAA Study Plan: 70 Cr. Hrs.

EASA Code	GCAA Code	Module #	Course Name	Credit Hours	YR.SEM	PRE REQUISITE	CO-REQUISITE	Subj Code & NO.	COURSE TITLE	C.H.	YR.SEM	SEWAY	PRE-REQUISITE 1	CO-REQUISITE	SIT *
EASA 101	GCAA 101	1	Mathematics CAT A	3				MATH 1001	Precalculus (Mod 1A)	3	1.1		MPE270, EmSAT2:1500		
EASA 102	GCAA 102	2	Physics CAT A	3			PHYS 1016	AMT 1101	W/S Practices/Orientation	2	1.1				
								PHYS 1015	Physics I for Aviation (Mod 2A)	3	1.1				
								PHYS 1016	Physics I lab for Aviation	1	1.1				
								ICT 1011	Intro to Programming & Problem Solving	3	1.1				
								ENGL 1001	English Skills	0	1.1		EmSATs:1300, IELTS: 5.5		
								ENGL 1011	Academic English I	3	1.2		ENGL 1001		
								ENGL 1012	Academic English II	3	1.3		ENGL 1011		
								HJUM 1012	Emirates Society & Culture	3	1.1				
								HJUM 1011	Islamic Culture	3	1.2				
								ENGL 2011	Public Speaking	1	2.1		ENGL 1012		
								ENGL 2012	Literature Review	1	2.2		ENGL 1012		
EASA 103	GCAA 103	3	Electrical Fundamentals CAT A	3		EASA 101		AVT 1201	Electrical Fundamentals (Mod 3A)	3	1.2		MATH 1001		
								AVT 1301	Electronics (4 A)	3	1.3		AVT 1201		
EASA 105	GCAA 105	5	Digital Techniques-EIS CAT A	4		EASA 103		AVT 2101	Basic Digital Techniques (Mod 5 A)	2	2.1		AVT 1201		
EASA 107M1	GCAA 107M1	7M1	Maintenance Practices CATA M1	3		AMT 1101	EASA 107V & EASA 107M2	AMT 1202	Maintenance Practices I (Mod 7A)	2	1.2		AMT 1101		
								AMT 1207	Mod 7A1-OCT2	1	1.2			AMT1202	
								AMT 2103	Maintenance Practices II (7 A)	2	2.1		AMT 1101		
EASA 107V	GCAA 107V	7V	Maintenance Practices CATA V	2			EASA 107M1 & EASA 107M2	AMT 2202	Maintenance Practices III (7 A)	2	2.2		AMT 1202		
								AMT 2206	Mod7A3-OCT5	1	2.2			AMT2202	
EASA 107M2	GCAA 107M2	7M2	Maintenance Practices CATA M2	2			EASA 107V & EASA 107M1	AMT 2203	Maintenance Practices IV (7 A)	2	2.2		AMT 1202, AMT 2103		
								AMT 2207	Mod7A4-OCT6	1	2.2			AMT2203	
EASA 106	GCAA 106	6	Materials and Hardware CAT A	4		EASA 102		AMT 1201	Materials & Hardware (Mod 6A)	2	1.2		PHYS 1015		
								AMT 1206	Mod 6A- OCT1	1	1.2			AMT1201	
EASA 108	GCAA 108	8	Basic Aerodynamics CAT A	3		EASA 102		AMT 2102	Basic Aerodynamics (8 A)	2	2.1		PHYS 1015		
EASA 111M	GCAA 111M	11M	Aeroplane Aerodynamics, Structure and Systems CATA M	3		EASA 106	EASA 111V	AMT 2104	Aircraft Sys & Components I (11 A)	3	2.1		AMT 1201	AMT 2102	
								AMT 2106	Mod 11- OCT3	1	2.1			AMT2104	
EASA 111V	GCAA 111V	11V	Aeroplane Aerodynamics, Structure and Systems CATA V	2		EASA 105	EASA 111M	AMT 2204	Aircraft Sys. & Components II (11 A)	3	2.2		AVT 2101		
EASA 109	GCAA 109	9	Human Factors CAT A	4		ENGL 1001	ENGL 1011	AMT 1301	Human Factors (Mod 9A)	2	3.1		ENGL 1011		
EASA 110	GCAA 110	10	Air Legislation CAT A	5		ENGL 1012		AMT 2201	Aviation Legislation (Mod 10A) / Aviation Legislation GCAA	2	2.2		ENGL 1012		
EASA 115	GCAA 115	15	Gas Turbine Engines CAT A	4		EASA 102		AMT 2105	Gas Turbines (15 A)	3	2.1		PHYS 1015		
								AMT 2107	Mod 15-OCT4	1	2.1			AM 2105	
EASA 117	GCAA 117	17	Propellers CAT	2		EASA 108		AMT2205	Propellers (17 A)	2	2.2		AMT 2102		
										<b>OJT (3 C.H.)</b>					
								AMT 2090	OJT/Internship	3	2.3				

AVT 3103	Digital Techniques I (5 B1)	3	3.3					AVT 2101							
AMT 3102	Adv. Materials & Hardware I (6 B1)	3	3.1					AMT 1202							
AMT 3101	Adv. Aerodynamics (8 B1)	3	3.1					AMT 2102							
AMT 3103	Adv. Maintenance Practices I (7 B1)	3	3.1					AMT 2202, AMT 2203							
AMT 3202	Adv. Maintenance Practices II (7 B1)	3	3.2					AMT 3103							
AMT 3201	Adv. Materials & Hardware II (6 B1)	3	3.2					AMT 3102							
AMT 3104	Adv. Aircraft Sys. & Components I (11B1)	3	3.1					AMT 2204							
AMT 3204	Adv. Turbine Engines (15 B1)	3	3.2					AMT 2105							
AMT 3203	Adv. Aircraft Sys. & Components II (11 B1)	3	3.2					AMT 3104							
AMT 3301	Adv. Propellers (17 B1)	2	3.3					AMT 2205							
AVT 3101	Electrical Engineering I (3B)	3	3.1					AVT 1201							
AVT 3102	Electrical Engineering I (3B) Lab	1	3.1										AVT 3101		
<b>GRADUATION PROJECT / Capstone (3 C.H.) Pre requisite ..... CR</b>															
AMT 3080	Capstone Project	3	3.2					Third year students							