

AMT-Study Plan: Diploma Aircraft Maintenance Technology

First Year

Fall Semester							Spring Semester						Summer Semester							
Course Code	Course Title	LT	PT	TT	CH	CR	Course Code	Course Title	LT	PT	TT	CH	CR	Course Code	Course Title	LT	PT	TT	CH	CR
MATH1001	Pre-Calculus (Mod 1A) MPE≥70, EmSAT≥1500)	3	0	1	4	3	AVT1201	Electrical Fundamentals (Mod 3A)	3	1	0	4	3	ENGL1012	Academic English II	2	2	0	4	3
PHYS1015	Physics I for Aviation (Mod 2A)	3	0	1	4	3	HUM1011	Islamic Culture (distance learning)	3	0	0	3	3	AMT 1301	Human Factors (Mod 9A)	2	0	0	2	2
PHYS1016	Physics I Lab for Aviation	0	3	0	3	1	ENGL1011	Academic English I	2	2	0	4	3	AVT 1301	Electronics (4 A)	2	2	0	4	3
ICT1011	Intro to Prog. & Prob. Solving	2	2	0	4	3	AMT1201	Materials & Hardware (Mod 6A)	2	0	0	2	2							
ENGL1001	English Skills EmSAT≥1300, IELTS ≥ 5.5)	1	2	0	3	0	AMT1202	Maintenance Practices I (Mod 7A)	2	0	0	2	2							
AMT1101	W/S Practices/Orientation	1	3	0	4	2	AMT1206	MOD 6A-OCT1	0	3	0	3	1							
HUM1012	Emirates Society & Culture (distance learning)	3	0	0	3	3	AMT1207	MOD 7A1-OCT2	0	3	0	3	1							
Total	7	13	10	2	25	15		7	12	9	0	21	15	3		6	4	0	10	8

Second Year

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AVT2101	Digital Techniques (Mod 5 A)	2	1	0	3	2	AMT 2201	Aviation Legislation (Mod 10 A)/ Aviation Legislation GCAA	2	0	1	3	2	AMT2090	OJT / Internship					360	3
AMT2102	Basic Aerodynamics (8 A)	2	0	0	2	2	AMT2202	Maintenance Practices III (7 A)	1	2	0	3	2								
AMT2103	Maintenance Practices II (7 A)	1	2	0	3	2	AMT2203	Maintenance Practices IV (7 A)	1	2	0	3	2								
AMT2104	Aircraft Sys & Components I (11 A)	3	0	0	3	3	AMT2204	Aircraft Sys. & Components II (11 A)	2	2	0	4	3								
AMT 2105	Gas Turbines (15 A)	3	0	0	3	3	AMT2205	Propellers (17 A)	2	0	0	2	2								
ENG2011	Public Speaking (Blended L.)	1	0	1	2	1	ENGL2012	Literature Review (Blended L.)	1	0	1	2	1								
AMT2106	MOD 11A-OCT3	0	2	0	2	1	AMT2206	MOD 7A2-OCT5	0	3	0	3	1								
AMT2107	MOD 15A-OCT4	0	3	0	3	1	AMT2207	MOD 7A3-OCT6	0	3	0	3	1								
Total	8	12	8	1	21	15		8	10	12	1	23	14	1					360	3	

Diploma Total Credits: 70 Cr. Hrs