

Study Plan

Diploma in Aircraft Engineering Technology

Diploma 73 Credit hours

STUDENT NAME:

STUDENT NUMBER:

ADPOLY GENERAL REQUIREMENTS (21 Credit Hours)

Subj Code & NO.	COURSE TITLE	C.H	YR.SEM*	PRE- REQUISITE	Co- REQUISITE	SIT *
MATH 1001	Precalculus	3	1.1	Admissions	PHYS 1011	
ICT 1001	Intro to Programming and Problem Solving (W.B.)	3	1.1			
ENGL 1001	English Skills	0	1.1	ILETS 5.0		
ENGL 1011	Academic English I	3	1.2	ENGL 1001		
ENGL 1012	Academic English II	3	1.3	ENGL 1011		
HUM 1003	Arabic Communications (W.B.)	3	1.2			
HUM 1001	Islamic Culture (W.B.)	3	1.1			
HUM 1002	Emirates Society and Culture (W.B.)	3	1.2			
	Total General Requirements	21				

PROGRAM REQUIREMENTS (52 Credit hours)

PHYS 1011	Physics I	3	1.1		MATH100, PHYS 1012	
PHYS 1012	Physics I Lab	1	1.1		PHYS 1011	
PHYS 1015	Physics for Aviation	3	1.2	PHYS 1011		
AVN1010	Electrical Engineering I	3	1.2	MATH 1001 PHYS 1011	AVN1011	
AVN1011	Electrical Engineering I Lab	1	1.2		AVN1010	
AVN1020	Electrical Engineernig II	3	1.3	AVN1010	AVN1021	
AVN1021	Electrical Engineering II lab	1	1.3	AVN1011	AVN1020	
AVSC2010	Human Factors (Blended Learning)	3	2.1			
AME2110	Advanced Materials and Hardware I	2	2.1	PHYS 1011		
AME2210	Advanced Materials and Hardware II	2	2.2	AME2110		
AME2112	Advanced Aerodynamics	3	2.1	PHYS 1011	AME2113	
AME2113	Advanced Aerodynamics Lab	1	2.1	PHYS 1011	AME2112	
AME2120	Advanced Maintenance Practices I	3	2.1		AME2121 AME2110	
AME2121	Advanced Maintenance Practices I Lab-OCT 1/OCT 2	2	2.1		AME2120	
AME2122	Advanced Maintenance Practices II	3	2.2	AME2110 AME2120		
AME2212	Advanced Maintenance Practices III	3	2.2	AME2110 AME2120 AVN1020	AME2122	
AME2213	Advanced Maintenance Practices III lab-OCT 3	1	2.2	AVN1021	AME2212	
AME2214	Advanced Maintenance Practices IV	3	2.2	AME2212	AME2215	
AME2215	Advanced Maintenance Practices IV lab-OCT 4/OCT 5	2	2.2		AME2214	
AME2310	Advanced Maintenance Practices V	3	2.3	AME2214	AME2311	
AME2311	Advanced Maintenance Practices V lab-OCT 6	2	2.3		AME2310	
AVSC2014	Aviation Legislation-EASA (Blended Learning)	2	2.2			
AVSC2012	Aviation Legislation-GCAA (Blended Learning)	2	2.2			
	Total Program Requirements	52				

*Course Sta

Completed



Currently registered

Total Credit Hours:- 73 for Diploma

Study Plan

Higher Diploma in Aircraft Engineering Technology

Specialization: AeroMechanic (B1.1)/Avionic (B2)

Higher Diploma 112 Credit hours for Aeromechanic and 112 Credit hours for Avionic specialities

STUDENT NAME:

STUDENT NUMBER:

ADPOLY GENERAL REQUIREMENTS (24 credit hours)

1. COMPULSORY AeroMechanic (B1.1) SPECIALIZATION REQUIREMENTS (30 C.H)

Subj Code & NO.	COURSE TITLE	C.H	YR_SEM*	PRE- REQUISITE	Co- REQUISITE	SIT *	Subj Code & NO.	COURSE TITLE	C.H	YR_SEM*	PRE- REQUISITE	Co- REQUISITE	SIT *
MATH 1001	Precalculus	3	1.1	Admissions			AVN2008	Electronics for B1	2	2.1	AVN1010	AVN2009	
MATH 1011	Calculus I	3	1.2	MATH 1001 or MATH100 or EASA201	optional		AVN2009	Electronics Lab for B1	1	2.1		AVN2008	
ICT 1001	Intro to Programming and Problem Solving (W.B.)	3	1.1				AVN2018	Digital Techniques for B1	3	2.2	AVN2008	AVN2019	
ENGL 1001	English Skills	0	1.1	ILETS 5.0			AVN2019	Digital Techniques lab for B1	1	2.2		AVN2018	
ENGL 1011	Academic English I	3	1.2	ENGL 1001			AME3110	Turbine Engines I	3	3.1	AME2112		
ENGL 1012	Academic English II	3	1.3	ENGL 1011			AME3210	Turbine Engines II	2	3.2	AME3110 and AVN2018	AME 3211	
HUM 1013	Arabic Communications (W.B.)	3	1.2				AME3211	Turbine Engines II Lab-OCT8	1	3.2		AME3210	
HUM 1011	Islamic Culture (W.B.)	3	1.1				AME3212	Propellers	3	3.1	AME2112	AME3110	
HUM 1012	Emirates Society and Culture (W.B.)	3	1.2				AME3120	Advanced A/C Systems &Components I-OCT9	3	2.2	AME2112		
ENGL 2011	Public Speaking (Blended L.)	1		ENGL 1012			AME3122	Advanced A/C Systems &Components II-OCT10	3	3.1	PHYS 1015		
ENGL2012	Literature Review (Blended L)	1		ENGL1012			AME3220	Advanced A/C Systems &Components III	3	3.2	AME3122	AME3221	
ENGL2013	Report writing (Blended L)	1		ENGL1012			AME3221	Advanced A/C Systems &Components III Lab-OCT11	1	3.2		AME3220	
							AME3224	Advanced A/C Systems &Components IV	3	3.2	AVN2008 and AVN2018	AME3225	

PROGRAM CORE REQUIREMENTS (52 C.H)

PHYS 1015	Physics I for Aviation	3	1.1	Admissions	PHYS 1016
PHYS 1016	Physics I Lab	1	1.1		PHYS 1015
PHYS 1017	Physics II for Aviation	3	1.2	PHYS 1015	
AVN1010	Electrical Engineering I	3	1.2	PHYS 1015	AVN1011
AVN1011	Electrical Engineering I Lab	1	1.2		AVN1010
AVN1020	Electrical Engineering II	3	1.3	AVN1010	AVN1021
AVN1021	Electrical Engineering II lab	1	1.3		AVN1020
AVSC2010	Human Factors	3	1.2		
AME2110	Advanced Materials and Hardware I	2	2.1	PHYS 1015	
AME2210	Advanced Materials and Hardware II	2	2.2	AME2110	
AME2112	Advanced Aerodynamics	3	2.1	PHYS 1015	AME2113
AME2113	Advanced Aerodynamics Lab	1	2.1		AME2112
AME2120	Advanced Maintenance Practices I	3	2.1		AME2121
AME2121	Advanced Maintenance Practices I Lab-OCT1/OCT2	2	2.1		AME2120
AME2122	Advanced Maintenance Practices II	3	2.2		AME2110
AME2212	Advanced Maintenance Practices III	3	2.2	AME2110 and AVN1010	AME2213
AME2213	Advanced Maintenance Practices III lab-OCT3	1	2.2		AME2212
AME2214	Advanced Maintenance Practices IV	3	2.3	AME2122	AME2215
AME2215	Advanced Maintenance Practices IV lab-OCT4/OCT5	2	2.3		AME2214
AME2310	Advanced Maintenance Practices V	3	3.1	AME2214	AME2311
AME2311	Advanced Maintenance Practices V lab-OCT6/OCT7	2	3.1		AME2310
AVSC2014	Aviation Legislation-EASA	2	3.1	ENGL 1012	
AVSC2012	Aviation Legislation-GCAA	2	3.2	ENGL 1012	
	total	52			

GRADUATION PROJECT (3 C.H)

AME3080	Capstone Project B1.1	3	3	90 credits/HoP approval	B1.1 Only
AVN3080	Capstone Project B2	3	3	90 credits/HoP approval	B2 Only

2. COMPULSORY AVIONIC (B2) SPECIALIZATION REQUIREMENTS (30 C.H)

Subj Code & NO.	COURSE TITLE	C.H	SEM.	PRE- REQUISITE	Co- REQUISITE	SIT *
AVN2010	Electronics for B2	3	2.1	AVN1010	AVN2011	
AVN2011	Electronics LAB for B2	1	2.1		AVN2010	
AVN2020	Digital Techniques I for B2	3	2.2	AVN2010	AVN2021	
AVN2021	Digital Techniques I lab for B2	1	2.2		AVN2020	
AVN2022	Digital Techniques II for B2	3	3.1	AVN2020	AVN2023	
AVN2023	Digital Techniques II Lab for B2	1	3.1		AVN2022	
AVN3110	Avionics Systems I	3	2.3	AME2112	AVN3111	
AVN3111	Avionics Systems I Lab-OCT8	1	2.3		AVN3110	
AVN3112	Avionics Systems II	3	3.1	AVN2022	AVN3113	
AVN3113	Avionics Systems II Lab-OCT9	1	3.1		AVN3112	
AVN3210	Avionics Systems III	3	3.2	AVN3112	AVN3211	
AVN3211	Avionics Systems III Lab OCT10	1	3.2		AVN3210	
AVN3212	Avionics Systems IV	3	3.2	AVN3112	AVN3213	
AVN3213	Avionics Systems IV Lab OCT11	1	3.2		AVN3212	
AVN3010	Prouision and FADEC-OCT12	2	3.2	AME2112 and AVN2022		
	total	30				

TRAINING (3 C.H) [AME4099 for B1.1 and AVN4099 for B2]

AME4099	On the Job Training/Internship	3	3.3	AME3080	Aeromech/B1.1
AVN4099	On the Job Training/Internship	3	3.3	AVN3080	Avionic/B2

*Course Status: Completed Currently registered

Total Credit Hours:- 112

*YR_SEM = Year in degree and Semester in year

Ver: 17/2/2020 SC-final