



Avionics – Aeronautical Defence Systems Engineering

Advanced Diploma / Diploma of Higher Education (DipHE)

Duration	2 years	OQF Level	7
Study type	Full-time	UK FHEQ Level	5

Advanced Diploma Year 1

Semester 1		Credits	Semester 2		Credits
MTCS4001	Engineering Mathematics 2	20	MTCS4001	Engineering Mathematics 2	20
MTCS4027	Engineering Design	20	MTCS4027	Engineering Design	20
MTCA4008	Electronic Fundamentals	20	MTC4019	Digital Techniques and Electronic Instrument Systems	20
MTCA4051	Aircraft Maintenance, Safety Tools and Inspection	20	TNAAZ4004	Avionics Engineering Workshop Practices	-
TNAAZ4003	Engineering Workshop Practices 2	-	TNAAZ4005	Engineering Workshop Practices 3	-
TNAAZ4005	Engineering Workshop Practices 3	-			

Advanced Diploma Year 2

Semester 1		Credits	Semester 2		Credits
MTCA5010	Aircraft Structures and Mechanical Systems	20	MTCA5061	Engineering Mathematics 3	10
MTCA5026	Aircraft Electrical, Instrument, Communication and Navigation Systems	20	MTCA5066	Aeronautical Defence Systems Engineering 2	20
MTCA5065	Aeronautical Defence Systems Engineering 1	20	MTCA5071	Aircraft Propulsion & Indicating System	10
TNAAD5003	Aircraft Maintenance Experience	-	MTCA5063	Aeronautical Multidisciplinary Group Project	20
TNAAZ5006	Explosives Regulations	-	TNAAD5003	Aircraft Maintenance Experience	-

