



Avionics – Aircraft Simulator 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	
TNAA5008	Electronic Warfare	-		MTCA5063	Aeronautical Multidisciplinary Group Project	20	
				TNASI5006	Computer Engineering	-	
				TNASZ5016	Networking (GCR & COMMS)	-	

