



Avionics

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	-

Advanced Diploma Year 2

Semester 1		Credits	Semester 2		Credits
MTCA5010	Aircraft Structures and Mechanical Systems	20	MTCA5057	Aircraft Cabin, IMA, Information and Navigation Systems	20
MTCA5028	Aircraft Communications and Autopilot Systems	20	MTCA5061	Engineering Mathematics 3	10
MTCA5064	Aircraft Electrical Instrument and Onboard Maintenance Systems	20	MTCA5071	Aircraft Propulsion and Indicating System	10
TNAAA5007	FLIR, NVG., Weapon Systems and Laser System	-	MTCA5063	Aeronautical Multidisciplinary Group Project	20
TNAAA5008	Electronic Warfare	-	TNAAZ5006	Air Legislation	-

