



## Mechanical Engineering

### Advanced Diploma / Diploma of Higher Education (DipHE)

<b>Duration</b>	2 years	<b>OQF Level</b>	7
<b>Study type</b>	Full-time	<b>UK FHEQ Level</b>	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	MTCA5031	Rotary Turbine Aeroplane Structures & Systems	20
MTCA5030	Aircraft Electrical and Avionic Systems	20	MTCA5061	Engineering Mathematics 3	10
MTCA5069	Gas Turbine Engines	20	MTCA5070	Aircraft Propellers	10
TNAAM5001	Aircraft Maintenance Experience	-	MTCA5063	Aeronautical Multidisciplinary Group Project	20
			TNAAZ5005	Air Legislation	-

