



Electrical and Electronic 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	
MTCS4005	Computer Systems	20		MTCS4026	Analogue and Digital Communication Systems	20	
MTCS4009	Analogue and Digital Electronics	20		MTCM4034	Circuit Analysis	20	
TNASZ4012	Basic Electrical and Electronics TNA Skills	-		TNASE4004	E&E Engineering	-	

Advanced Diploma Year 2

Semester 1			Credits	Semester 2			Credits
MTCS5005	Instrumentation and Control	20		MTCM5013	Power Generation and Distribution	20	
MTCS5024	Power Electronics	20		MTCS5003	Intra-disciplinary Group Design Project	20	
MTCM5079	Electrical Machines and Design	20		MTCS5048	Embedded Computer Systems	20	
TNASE5003	E&E Engineering	-		TNASE5004	E&E Engineering	-	

