



Power 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	MTCM4006	Thermal Systems Engineering 1	20
MTCM4007	Mechanical Principles	20	MTCM4034	Circuit Analysis	20
TNASZ4012	Basic Electrical and Electronics TNA Skills	-	TNASP4008	Power 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	MTCS5002	Engine and Transmission Systems	20
MTCM5079	Electrical Machines and Design	20	MTCS5003	Intra-disciplinary Group Design Project	50
TNASP5011	Power Engineering	-	TNASP5012	Power Engineering	-

