



Electrical 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	MTCM4037	Electromagnetic Principles for Electric Machines	20
MTCS4009	Analogue and Digital Electronics	20	MTCM4034	Circuit Analysis	20
TNAML4005	Marine Workshop 1 (Electrical)	-	TNAML4006	Marine Workshop 2 (Electrical)	-

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	MTCM5043	Marine Electrical Power Management	20
MTCM5079	Electrical Machines and Design	20	MTCS5003	Intra-disciplinary Group Project	20
TNAML5003	Marine Workshop (Electrical Maintenance)	-	TNAMZ5007	Maintenance Management	-

