



Mechanical 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
MTCM4007	Mechanical Principles	20	MTCS4001	Engineering Mathematics 2	20
MTCM4035	Applied Engineering Systems	20	MTCS4027	Engineering Science	20
MTCS4001	Engineering Mathematics 2	20	MTCM4006	Thermal Systems Engineering 1	20
MTCS4027	Engineering Science	20	MTCS4036	Mechanical Engineering Design	-
TNAMM4007	Marine Workshop 1 (Mechanical)	-	TNAMM4008	Marine Workshop 2 (Mechanical)	-

Advanced Diploma Year 2

Semester 1		Credits	Semester 2		Credits
MTCM5004	Thermal Systems Engineering 2	20	MTCM5025	Fluid Systems	20
MTCM5023	Naval Architecture	20	MTCS5002	Engine and Transmission Systems	20
MTCS5005	Instrumentation and Control	20	MTCS5003	Intra-disciplinary Group Design Project	20
TNAMM5004	Marine Workshop (Mechanical Maintenance)	-	TNAMZ5007	Maintenance Management	20

