



HVACR 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
MTCM4007	Mechanical Principles	20	MTCS4001	Engineering Mathematics 2	20
MTCM4035	Applied Engineering Systems	20	MTCS4027	Engineering Design	20
MTCS4001	Engineering Mathematics 2	20	MTCM4006	Thermal Systems Engineering 1	20
MTCS4027	Engineering Design	20	MTCS4036	Mechanical Engineering Design	20
TNASH4002	HVACR Engineering	-	TNASH4003	HVACR Engineering	-

Advanced Diploma Year 2

Semester 1		Credits	Semester 2		Credits
MTCS5005	Instrumentation and Control	20	MTCM5013	Power Generation and Distribution	20
MTCM5004	Thermal Systems Engineering 2	20	MTCS5003	Intra-disciplinary Group Design Project	20
MTCS5014	Heating and Ventilation Systems	20	MTCS5081	Advanced HVAC Systems	20
TNASH5002	HVACR Engineering	-	TNASH5002	HVACR Engineering	-

