



## Civil Engineering

### Advanced Diploma / Diploma of Higher Education (DipHE)

<b>Duration</b>	2 years	<b>OQF Level</b>	7
<b>Study type</b>	Full-time	<b>UK FHEQ Level</b>	5

#### Advanced Diploma Year 1

Semester 1		Credits	Semester 2		Credits
MTCS4001	Engineering Mathematics 2	20	MTCS4001	Engineering Mathematics 2	20
MTCC4014	Materials and Construction Technology	20	MTCC4017	Surveying and Hydraulics	20
MTCC4016	Structural Analysis 1	20	MTCC4040	Soil Mechanics	10
MTCS4027	Engineering Design	20	MTCC4042	Ethics and Construction Management Practice	10
TNACZ4001	Construction Practices	-	MTCS4027	Engineering Design	20
			TNACZ4001	Construction Practices	-

#### Advanced Diploma Year 2

Semester 1		Credits	Semester 2		Credits
MTCC5008	Soil Mechanics & Geosciences	20	MTCC5020	Design of Structural Elements	20
MTCC5019	Structural Analysis 2	20	MTCC5055	Composites and Advanced Construction Materials	10
MTCC5040	Planning and Construction of Transportation Infrastructure	20	MTCC5058	Advanced Engineering Mathematics 3	20
TNACZ5001	Building Services and Finishes	-	MTCC5072	Building Information Modelling	10
TNACZ5002	Construction Planning and Client Management	-	TNACZ5001	Building Services and Finishes	-
			TNACZ5002	Construction Planning and Client Management	-

