

**Study plan for a BEng(Hons) Construction Engineering Management at MTC**

<b>MODULES</b>					
<b>FHEQ Level</b>	<b>Name</b>	<b>Code</b>	<b>Credit</b>	<b>Delivery</b>	<b>Core/Option</b>
4	Engineering Mathematics 2	MTCS4001	20	SM 1+2	C
4	Materials and Construction Technology	MTCC4014	20	SM 1	C
4	Structural Analysis 1	MTCC4016	20	SM 1	C
4	Ethics and Construction Management Practice	MTCC4042	10	SM 1	C
4	Engineering Design	MTCS4027	20	SM 1+2	C
4	Surveying and Hydraulics	MTCC4017	20	SM 2	C
4	Soil Mechanics	MTCC4040	10	SM 2	C

## MODULES

FHEQ Level	Name	Code	Credit	Delivery	Core/Option
5	Planning & Construction of Transportation Infrastructure	MTCC5040	20	SM 1	C
5	Soil Mechanics and Geosciences	MTCC5008	20	SM 1	C
5	Construction Management	MTCC5060	20	SM 1	C
5	Building Information Modelling	MTCC5062	20	SM 2	C
5	Design of Structural Elements	MTCC5020	20	SM 2	C
5	Contract Administration and Management	MTCC5022	20	SM 2	C

## MODULES

FHEQ Level	Name	Code	Credit	Delivery	Core/Option
6	Individual Project	MTCA6001	40	SM 1&2	C
6	Legal Framework and Dispute Resolution	MTCC6022	20	SM 1	C
6	Design of Transportation Infrastructure	MTCC6021	20	SM 1	C
6	Construction Project Risk Management	MTCC6023	20	SM 2	C
6	Composites and Advanced Construction Materials	MTCC6050	10	SM 2	C
6	Water Resources Engineering	MTCC6070	10	SM 2	O
6	Corporate and Contract Management	MTCM6040	10	SM 2	O