

PROGRAMME STRUCTURE

DIPLOMA IN CIVIL ENGINEERING

CLASSIFICATION	COURSE CODE	COURSE NAME	CREDIT VALUES	PRE REQUISITE/CO-REQUISITE
SEMESTER 1				
Compulsory	MPU21032	Penghayatan Etika dan Peradaban	2	
	DUE10012	Communicative English 1	2	
	MPU24XX1	Sukan ***	1	
	MPU24XX1	Unit Beruniform 1 ***		
Common Core	DUW10022	Occupational, Safety & Health for Engineering	2	
	DBS10012	Engineering Science	2	
	DBM10013	Engineering Mathematics 1	3	
Discipline Core	DCC10012	Engineering Drawing and Computer Aided drafting (CAD)	2	
	DCC10022	Brickworks and Concrete Laboratory	2	
	DCC10032	Civil Engineering Material	2	
TOTAL			18	
SEMESTER 2				
Compulsory	MPU23052	Sains, Teknologi dan Kejuruteraan Dalam Islam*	2	
	MPU23042	Nilai Masyarakat Malaysia**		
	MPU24XX1	Kelab/Persatuan ***	1	MPU24XX1
	MPU24XX1	Unit Beruniform 2		
Common Core	DBM20023	Engineering Mathematics 2	3	DBM10013
Discipline Core	DCC20042	Plumbing and Carpentry Workshop	2	
	DCC20053	Mechanic of Civil Engineering Structure	3	
	DCC20063	Engineering Survey	3	
	DCC20073	Contract and Estimating	3	
TOTAL			17	
SEMESTER 3				
Compulsory	DUE30022	Communicative English 2	2	DUE10012
	MPU22012	Entrepreneurship	2	
Discipline Core	DCC30082	Industrialised Building System (IBS) in Sustainable Construction	2	
	DCC30093	Geotechnical Engineering	3	
	DCC30103	Highway and Traffic Engineering	3	
	DCC30112	Geotechnical and Highway Engineering Laboratory	2	
	DCC30122	Fluids Mechanics	2	
TOTAL			16	
SEMESTER 4				
Compulsory	DUE50032	Communicative English 3	2	DUE30022
Discipline Core	DCC40132	Project Management and Practices	2	
	DCC40142	Steel Structure Design	2	DCC20053
	DCC40152	Water Supply and Waste Water Engineering	2	
	DCC40163	Theory of Structures	3	DCC20053
	DCC40172	Structure, Hydraulics and Water Quality Laboratory	2	
	DCC40181	Final Year Project 1	1	
Electives		Electives 1	2	
TOTAL			16	
SEMESTER 5				
Discipline Core	DCC50194	Final Year Project 2	4	DCC40081
	DCC50203	Reinforced Concrete Design	3	
	DCC50212	Hydrology	2	
	DCC50222	Hydraulics	2	DCC30122
	DCC50232	Engineering in Society	2	
Electives		Electives 2	2	
TOTAL			15	
SEMESTER 6				
Industrial Training	DUT600610	Industrial Training	10	
TOTAL			10	
			TOTAL CREDIT VALUE	92

ELECTIVE COURSE				
1	DCC50242	Building Information Modeling (BIM)	2	
2	DCC50252	Building Services	2	
3	DCC50262	Environmental Pollution and Control	2	

FREE ELECTIVES^a				
1	DUD10012	Design Thinking	2	