

B.IT (Hons) DATA COMMUNICATIONS AND NETWORKING

For June 2016 Intake

CODE	SUBJECT	β YEAR			γ YEAR			δ YEAR			Pre-Requisite
		T1	T2	T3	T1	T2	T3	T1	T2	T3	
Common Core:											
TMA1111	MATHEMATICAL TECHNIQUES	4									NONE
TCP1121	COMPUTER PROGRAMMING	4									NONE
TDB 1131	DATABASE SYSTEMS	3									NONE
TOS 1141	OPERATING SYSTEMS	3									NONE
TMA1211	DISCRETE MATHEMATICS AND PROBABILITY	4									NONE
TAO1221	COMPUTER ARCHITECTURE AND ORGANISATION	4									NONE
TDC 1231	DATA COMMUNICATIONS AND NETWORKING	4									NONE
TDS2111	DATA STRUCTURES AND ALGORITHMS				3						TCP1121
TOP2121	OBJECT-ORIENTED PROGRAMMING				3						TCP1121
TSA2131	SYSTEMS ANALYSIS AND DESIGN				3						TDB 1131
Specialisation Core:											
TEP1241	ETHICS AND PROFESSIONAL CONDUCTS		3								NONE
TCN2141	COMPUTER NETWORKS			3							TDC 1231
TS2151	SYSTEM ADMINISTRATION AND MAINTENANCE			3							TOS 1141
TTV2161	TECHNOPRENEUR VENTURE			2							NONE
THI2211	HUMAN COMPUTER INTERACTION				3						TCP1121
TIA2221	INFORMATION ASSURANCE & SECURITY				3						NONE
TWT2231	WEB TECHNIQUES AND APPLICATION				3						NONE
TSI2241	SYSTEM INTEGRATION AND ARCHITECTURE				3						TCP1121
TRS2251	ROUTING AND SWITCHING				3						TCN2141
TPR3321	PROJECT (PHASE 1)						3				COMPLETED 60CH EXCLUDING ARTS AND HUMANITIES SUBJECTS
TTP3121	TCP/IP PROGRAMMING						3				TCP1121 & TCN2141
TNS3131	NETWORK SECURITY AND MANAGEMENT						3				TCN2141
TCC3141	CLOUD COMPUTING						3				TOS 1141
TCP3151	INTEGRATIVE PROGRAMMING AND TECHNOLOGIES						3				TOP2121
TPR3321	PROJECT (PHASE 2)							3			TPR3321 (PROJECT 1)
THN3221	HIGH-SPEED NETWORKS							3			TCN2141
TWC3231	MOBILE AND WIRELESS COMMUNICATIONS								3		TDC 1231
TRT3241	REAL TIME SYSTEMS								3		TDC 1231
Industrial Training:											
TIT2311	INDUSTRIAL TRAINING						6				COMPLETED 60CH EXCLUDING ART AND HUMANITIES SUBJECTS
Elective:											
	Elective 1				3						
	Elective 2							3			
	Elective 3								3		
	Elective 4									3	
Arts and Humanities:											
MPU3343	BUSINESS AND ENTREPRENEURSHIP IN MALAYSIA		3								NONE
MPU3201/MPU32XX	BAHASA KEBANGSAAN A or FOREIGN LANGUAGE		3								NONE
MPU34XX	CO-CURRICULUM	2									NONE
MPU3143/MPU3123	BAHASA MELAYU KOMUNIKASI 2/ TAMADUN ISLAM DAN TAMADUN ASIA								3		NONE
MPU3173/MPU3113	PENGAJIAN MALAYSIA 3/ HUBUNGAN ETNIK								3		NONE
Total Credit Hour : 120											

** Only for students who enter directly to Beta level.