

B.IT (Hons) DATA COMMUNICATIONS AND NETWORKING

For October 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
TSA2151	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
THN3221	HIGH-SPEED NETWORKS							3			TCN2141
TWC3231	MOBILE AND WIRELESS COMMUNICATIONS							3			TDC 1231
TRT3241	REAL TIME SYSTEMS							3			TDC 1231
TPR3321	PROJECT (PHASE 2)								3		TPR3321 (PROJECT 1)
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
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.