

B.IT (Hons) DATA COMMUNICATIONS AND NETWORKING

For March 2015/16 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						TDC1231
TSA2151	SYSTEM ADMINISTRATION AND MAINTENANCE				3						TOS1141
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
MPU3213/ 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.