

**B.IT (Hons) DATA COMMUNICATIONS AND NETWORKING**

For March 2016 Intake

CODE	SUBJECT	β YEAR			γ YEAR			δ YEAR			Pre-Requisite
		T1	T2	T3	T1	T2	T3	T1	T2	T3	
<b>Common Core:</b>											
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
<b>Specialisation Core:</b>											
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
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
<b>Industrial Training:</b>											
TIT2311	INDUSTRIAL TRAINING								6		COMPLETED 60CH EXCLUDING ART AND HUMANITIES SUBJECTS
<b>Elective:</b>											
	Elective 1					3					
	Elective 2							3			
	Elective 3									3	
	Elective 4										3
<b>Arts and Humanities:</b>											
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
<b>Total Credit Hour : 120</b>											

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