

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

For March 2014 Intake

CODE	SUBJECT	β YEAR			γ YEAR			δ YEAR			Requirement for Registration
		T1	T2	T3	T1	T2	T3	T1	T2	T3	
<b>Core:</b>											
TMT1171	MATHEMATICAL TECHNIQUES I		3								NONE
TCP1231	COMPUTER PROGRAMMING I		3								NONE
TCE1111	DIGITAL SYSTEMS		4								NONE
TDS1191	DISCRETE STRUCTURES		4								NONE
TOS2461	OPERATING SYSTEMS		3								NONE
TMT1181	MATHEMATICAL TECHNIQUES II			3							TMT1171
TCP1241	COMPUTER PROGRAMMING II			3							TCP1231
TDB2111	DATABASE SYSTEMS			3							NONE
TMA1271	INTRODUCTION TO MACHINE ARCHITECTURE			4							TCE1111
TCE2311	DATA COMMUNICATIONS AND NETWORKING			4							NONE
TEM1116	PROBABILITY AND STATISTICS				4						TMT1171
TCS1011	DATA STRUCTURES AND ALGORITHMS				3						TCP1241
TCP1311	OBJECT-ORIENTED PROGRAMMING				3						TCP1241
TIC2211	INTERNET COMPUTING					3					TCP1311
<b>Major:</b>											
TEP1281	ETHICS & PROFESSIONAL CONDUCTS		3								NONE
TTV2541	TECHNOPRENEUR VENTURE				2						NONE
TIS2211	SYSTEMS ANALYSIS AND DESIGN					3					TDB2111
TCE2321	COMPUTER NETWORKS					3					TCE2311
TRS 2771	ROUTING AND SWITCHING						3				TCE2321
TCD2221	CRYPTOGRAPHY AND DATA SECURITY						3				TCS1011
TCS2411	SOFTWARE ENGINEERING FUNDAMENTALS						3				TCP1241
TPR3321	PROJECT I								3		COMPLETED 60CH EXCLUDING ARTS & HUMANITIES SUBJECTS
TCS3191	CLIENT-SERVER COMPUTING								3		TCP1311
TNS2201	NETWORK SECURITY AND MANAGEMENT								3		TCE2321 & (TCD2221 OR TAC2681)
TTP3181	TCP/IP PROGRAMMING								3		TCP1231 & TCE 2321
TSM 2691	NETWORK SYSTEM FOR MULTIMEDIA								3		NONE
TPR3321	PROJECT II									3	TPR3321 (Project I)
THN3031	HIGH-SPEED NETWORKS									3	TCE2321
TRS3201	REAL TIME SYSTEMS									3	TCE2311
TWC 2751	MOBILE AND WIRELESS COMMUNICATIONS									3	TCE2311
<b>Industrial Training:</b>											
TPR3311	INDUSTRIAL TRAINING								6		COMPLETED 60CH EXCLUDING ARTS & HUMANITIES SUBJECTS
<b>Elective:</b>											
	ELECTIVE 1					3					
	ELECTIVE 2						3				
	ELECTIVE 3						3				
	ELECTIVE 4									3	
<b>Arts and Humanities:</b>											
MPU3343	BUSINESS & ENTREPRENEURSHIP IN MALAYSIA	3									NONE
MPU3213	BAHASA KEBANGSAAN A or FOREIGN LANGUAGE	3									NONE
XXXXXXX	CO-CURRICULUM	2									NONE
MPU3143/ MPU3123	BAHASA MELAYU KOMUNIKASI 2/TAMADUN ISLAM & TAMADUN ASIA				3						NONE
MPU3173/ MPU3113	PENGAJIAN MALAYSIA 3/ HUBUNGAN ETNIK				3						NONE
<b>Total Credit Hour : 126</b>											