

B.IT (Hons) DATA COMMUNICATIONS AND NETWORKING

For October 2011 intake

CODE	SUBJECT	β YEAR			γ YEAR			δ YEAR			Requirement for Registration
		T1	T2	T3	T1	T2	T3	T1	T2	T3	
Core:											
TMT1171	MATHEMATICAL TECHNIQUES I	3									NONE
TCP1231	COMPUTER PROGRAMMING I	3									NONE
TCE1111	DIGITAL SYSTEMS	4									NONE
TDB2111	DATABASE SYSTEMS	3									NONE
TDS1191	DISCRETE STRUCTURES	4									NONE
TMT1181	MATHEMATICAL TECHNIQUES II			3							TMT1171
TCP1241	COMPUTER PROGRAMMING II			3							TCP1231
TMA1271	INTRODUCTION TO MACHINE ARCHITECTURE			4							TCE1111
TCE2311	DATA COMMUNICATIONS AND NETWORKING			4							NONE
TCS1011	DATA STRUCTURES AND ALGORITHMS				3						TCP1241
TCP1311	OBJECT ORIENTED PROGRAMMING				3						TCP1241
TEP1281	ETHICS AND PROFESSIONAL CONDUCTS				3						NONE
TOS2461	OPERATING SYSTEMS				3						NONE
TEM1116	PROBABILITY AND STATISTICS					4					TMT1171
TTV2541	TECHNOPRENEUR VENTURE						2				NONE
TIC2211	INTERNET COMPUTING							3			TCP1311
Major:											
TIS2211	SYSTEMS ANALYSIS AND DESIGN			3							TDB2111
TCS2411	SOFTWARE ENGINEERING FUNDAMENTALS				3						TCP1241
TCE2321	COMPUTER NETWORKS				3						TCE2311
TRS 2771	ROUTING AND SWITCHING					3					TCE2321
TCD2221	CRYPTOGRAPHY AND DATA SECURITY					3					TCS1011
TSM 2691	NETWORK SYSTEM FOR MULTIMEDIA					3					NONE
TPR3321	PROJECT I							3			COMPLETED 60CH EXCLUDING ARTS & HUMANITIES SUBJECTS
TCS3191	CLIENT-SERVER COMPUTING							3			TCP1311
TRS3201	REAL TIME SYSTEMS							3			TCE2311
TWC 2751	MOBILE AND WIRELESS COMMUNICATIONS							3			TCE2311
TPR3321	PROJECT II								3		TPR3321 (Project I)
TNS2201	NETWORK SECURITY AND MANAGEMENT								3		TCE2321 & (TCD2221 OR TAC2681)
THN3031	HIGH-SPEED NETWORKS								3		TCE 2321
TTP3181	TCP/IP PROGRAMMING								3		TCP1231 & TCE 2321
Industrial Training:											
TPR3311	INDUSTRIAL TRAINING								6		COMPLETED 60CH EXCLUDING ART & HUMANITIES SUBJECTS
Elective:											
	Elective 1							3			
	Elective 2								3		
	Elective 3									3	
Arts and Humanities:											
BCM2010	CONTEMPORARY MANAGEMENT & ENTREPRENEURSHIP	4									NONE
MPW2133	MALAYSIAN STUDIES	3									NONE
XXXXXX	CO-CURRICULUM	2									NONE
MPW2113/ MPW 2123	BAHASA KEBANGSAAN A/B or FOREIGN LANGUAGE					3					NONE
MPW2143/ MPW2153	ISLAMIC STUDIES / MORAL STUDIES **						3				NONE
PWC1010	WORKPLACE COMMUNICATION						3				NONE
Total Credit Hour : 127											

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