

B.IT (Hons) DATA COMMUNICATIONS AND NETWORKING

For March 2013 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
TDS1191	DISCRETE STRUCTURES		4								NONE
TTV2541	TECHNOPRENEUR VENTURE		2								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
TEP1281	ETHICS AND PROFESSIONAL CONDUCTS								3		NONE
Major:											
TIS2211	SYSTEMS ANALYSIS AND DESIGN					3					TDB2111
TCE2321	COMPUTER NETWORKS					3					TCE2311
TCS2411	SOFTWARE ENGINEERING FUNDAMENTALS						3				TCP1241
TRS 2771	ROUTING AND SWITCHING						3				TCE2321
TCD2221	CRYPTOGRAPHY AND DATA SECURITY						3				TCS1011
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
TSM2691	NETWORK SYSTEM FOR MULTIMEDIA								3		NONE
TPR3321	PROJECT II									3	TPR3321 (Project I)
THN3031	HIGH-SPEED NETWORKS									3	TCE 2321
TRS3201	REAL TIME SYSTEMS									3	TCE2311
TWC 2751	MOBILE AND WIRELESS COMMUNICATIONS									3	TCE2311
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.