

B.IT (Hons) DATA COMMUNICATIONS AND NETWORKING

For June 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
TTV2541	TECHNOPRENEUR VENTURE	2									NONE
TOS2461	OPERATING SYSTEMS	3									NONE
TMT1181	MATHEMATICAL TECHNIQUES II		3								TMT1171
TCP1241	COMPUTER PROGRAMMING II		3								TCP1231
TDS1191	DISCRETE STRUCTURES		4								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
THN3031	HIGH-SPEED NETWORKS							3			TCE2321
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)
TCS3191	CLIENT-SERVER COMPUTING								3		TCP1311
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
2113/MPW	BAHASA KEBANGSAAN A/B or FOREIGN LANGUAGE								3		NONE
2143/MPW	ISLAMIC STUDIES / MORAL STUDIES **								3		NONE
PWC1010	WORKPLACE COMMUNICATION								3		NONE
Total Credit Hour : 127											

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