

B.IT (Hons) DATA COMMUNICATIONS AND NETWORKING

For October 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
TOS2461	OPERATING SYSTEMS	3									NONE
TDB2111	DATABASE SYSTEMS	3									NONE
TCE2311	DATA COMMUNICATIONS AND NETWORKING	4									NONE
TMT1181	MATHEMATICAL TECHNIQUES II			3							TMT1171
TCP1241	COMPUTER PROGRAMMING II			3							TCP1231
TCE1111	DIGITAL SYSTEMS			4							NONE
TDS1191	DISCRETE STRUCTURES			4							NONE
TCS1011	DATA STRUCTURES AND ALGORITHMS				3						TCP1241
TCP1311	OBJECT ORIENTED PROGRAMMING				3						TCP1241
TMA1271	INTRODUCTION TO MACHINE ARCHITECTURE				4						TCE1111
TEM1116	PROBABILITY AND STATISTICS						4				TMT1171
TIC2211	INTERNET COMPUTING							3			TCP1311
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
THN3031	HIGH-SPEED NETWORKS				3						TCE 2321
TTV2541	TECHNOPRENEUR VENTURE					2					NONE
TTP3181	TCP/IP PROGRAMMING						3				TCP1231 & TCE 2321
TSM 2691	NETWORK SYSTEM FOR MULTIMEDIA							3			NONE
TPR3321	PROJECT I								3		COMPLETED 60CH EXCLUDING ARTS &
TCD2221	CRYPTOGRAPHY AND DATA SECURITY								3		TCS1011
TRS3201	REAL TIME SYSTEMS								3		TCE2311
TWC 2751	MOBILE AND WIRELESS COMMUNICATIONS								3		TCE2311
TPR3321	PROJECT II									3	TPR3321 (Project I)
TCS3191	CLIENT-SERVER COMPUTING									3	TCP1311
TNS2201	NETWORK SECURITY AND MANAGEMENT									3	TCE2321 & (TCD2221 OR TAC2681)
TEP1281	ETHICS AND PROFESSIONAL CONDUCTS									3	NONE
Industrial Training:											
TPR3311	INDUSTRIAL TRAINING									6	COMPLETED 60CH EXCLUDING ART & HUMANITIES SUBJECTS
Elective:											
	Elective 1								3		
	Elective 2								3		
	Elective 3									3	
	Elective 4										3
Arts and Humanities:											
MPU3343	BUSINESS AND ENTREPRENEURSHIP IN MALAYSIA		3								NONE
MPU3213/ 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
Total Credit Hour : 126											

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