

B.IT (Hons) DATA COMMUNICATIONS AND NETWORKING

For June 2014 Intake

CODE	SUBJECT	β YEAR			γ YEAR			δ YEAR			Pre-Requisite
		T1	T2	T3	T1	T2	T3	T1	T2	T3	
Common Core:											
TMA1111	MATHEMATICAL TECHNIQUES	4								NONE	
TCP1121	COMPUTER PROGRAMMING	4								NONE	
TDB 1131	DATABASE SYSTEMS	3								NONE	
TOS 1141	OPERATING SYSTEMS	3								NONE	
TMA1211	DISCRETE MATHEMATICS AND PROBABILITY	4								NONE	
TAO1221	COMPUTER ARCHITECTURE AND ORGANISATION	4								NONE	
TDC 1231	DATA COMMUNICATIONS AND NETWORKING	4								NONE	
TDS2111	DATA STRUCTURES AND ALGORITHMS				3					TCP1121	
TOP2121	OBJECT-ORIENTED PROGRAMMING				3					TCP1121	
TSA2131	SYSTEMS ANALYSIS AND DESIGN				3					TDB 1131	
Specialisation Core:											
TEP1241	ETHICS AND PROFESSIONAL CONDUCTS	3								NONE	
TCN2141	COMPUTER NETWORKS				3					TDC 1231	
TSA2151	SYSTEM ADMINISTRATION AND MAINTENANCE				3					TOS 1141	
TTV2161	TECHNOPRENEUR VENTURE				2					NONE	
THI2211	HUMAN COMPUTER INTERACTION				3					TCP1121	
TIA2221	INFORMATION ASSURANCE & SECURITY				3					NONE	
TWT2231	WEB TECHNIQUES AND APPLICATION				3					NONE	
TSI2241	SYSTEM INTEGRATION AND ARCHITECTURE				3					TCP1121	
TRS2251	ROUTING AND SWITCHING				3					TCN2141	
TPR3321	PROJECT (PHASE 1)						3			COMPLETED 60CH EXCLUDING ARTS AND HUMANITIES SUBJECTS	
TTP3121	TCP/IP PROGRAMMING						3			TCP1121 & TCN2141	
TNS3131	NETWORK SECURITY AND MANAGEMENT						3			TCN2141	
TCC3141	CLOUD COMPUTING						3			TOS 1141	
TCP3151	INTEGRATIVE PROGRAMMING AND TECHNOLOGIES						3			TOP2121	
TPR3321	PROJECT (PHASE 2)							3		TPR3321 (PROJECT 1)	
THN3221	HIGH-SPEED NETWORKS							3		TCN2141	
TWC3231	MOBILE AND WIRELESS COMMUNICATIONS							3		TDC 1231	
TRT3241	REAL TIME SYSTEMS							3		TDC 1231	
Industrial Training:											
TIT2311	INDUSTRIAL TRAINING						6			COMPLETED 60CH EXCLUDING ART AND 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	
MPU3201/ 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 : 120											

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