

**B.IT (Hons) DATA COMMUNICATIONS AND NETWORKING**

For June 2008 intake

CODE	SUBJECT	β YEAR			γ YEAR			δ YEAR			Requirement for Registration
		T1	T2	T3	T1	T2	T3	T1	T2	T3	
<b>Mathematical Sciences:</b>											
TMT1171	MATHEMATICAL TECHNIQUES I	3									NONE
TMT1181	MATHEMATICAL TECHNIQUES II			3							TMT1171 OR TMT1111
TEM1116	PROBABILITY AND STATISTICS				4						TMT1171 OR TMT1111
TRM2191	RESOURCE MANAGEMENT TECHNIQUES						3				( TEM1116 OR TMT 2121) AND ( TMT1171 OR TMT1111)
<b>Core:</b>											
TCP1231	COMPUTER PROGRAMMING 1	3									NONE
TCE1111	DIGITAL SYSTEMS	4									NONE
TCP1241	COMPUTER PROGRAMMING 11		3								TCP1231
TDS1191	DISCRETE STRUCTURES		4								NONE
TMA1271	INTRODUCTION TO MACHINE ARCHITECTURE			4							TCE1111
TOS2461	OPERATING SYSTEMS				3						NONE
<b>Major:</b>											
TDB2111	DATABASE SYSTEMS	3									NONE
TCP1211	LOGIC PROGRAMMING			3							TDS1191 & TCP1241
TCS1011	DATA STRUCTURES & ALGORITHMS			3							TCP1241
TSM 2691	NETWORK SYSTEM FOR MULTIMEDIA					3					NONE
TCP1311	OBJECT ORIENTED PROGRAMMING				3						TCP1241
TEP1281	ETHICS AND PROFESSIONAL CONDUCTS			3							NONE
TCE2311	DATA COMMUNICATIONS & TELECOMMUNICATIONS SYSTEMS				4						TCE1111
TIS2211	SYSTEMS ANALYSIS AND DESIGN					3					TDB2111
TIC2211	INTERNET COMPUTING						3				TCP1311
TTV2541	TECHNOPRENEUR VENTURE							2			BEN2010
TRS 2771	ROUTING AND SWITCHING							3			TCE2321
TCS2411	SOFTWARE ENGINEERING FUNDAMENTALS							3			TCP1241
TCE2321	COMPUTER NETWORKS					3					TCE2311
TPR3321	PROJECT								3		COMPLETED 60CH EXCLUDING ART & HUMANITIES SUBJECTS
TPR3321	PROJECT (Cont.)									3	TPR3321(Project 1)
THN3031	HIGH SPEED NETWORKS								3		TCE2321
TCD2221	CRYPTOGRAPHY & DATA SECURITY									3	TCS1011
TNS2201	NETWORK SECURITY & MANAGEMENT									3	TCE2321 & TCD2221 OR TAC2681
TTP3181	TCP/IP PROGRAMMING									3	TCP1231 AND TCE 2321
TCS3191	CLIENT SERVER COMPUTING									3	TCP1311
TRS3201	REAL- TIME SYSTEMS									3	TCE2311
TSD 2731	NETWORK SYSTEMS DESIGN						3				TCE2321
TWC 2751	MOBILE AND WIRELESS COMMUNICATIONS						3				TCE2311
<b>Art and Humanities:</b>											
LES1010	TECHNICAL COMMUNICATIONS	3									NONE
BHM2041	BASIC ECONOMICS, ACCOUNTING & MANAGEMENT									3	NONE
2113/MPW	BAHASA KEBANGSAAN A/B or FOREIGN LANGUAGE	3									NONE
MPW2133	MALAYSIAN STUDIES		3								NONE
2143/MPW	ISLAMIC STUDIES / MORAL & ETHICS **			3							NONE
BEN2010	INTRODUCTION TO CYBERPRENEURSHIP				1						NONE
<b>INDUSTRIAL TRAINING</b>											
TPR3311	INDUSTRIAL TRAINING								6		COMPLETED 60CH EXCLUDING ART & HUMANITIES SUBJECTS
<b>XXXXXX CO-CURRICULUM</b>											
XXXXXX	CO-CURRICULUM				2						NONE
<b>Total Credit Hour :: 127</b>											

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

**TOTAL**