

Bachelor of Information Technology (Honours) Data Communications & Networking - June 2010 Intake

	Beta Level						Gamma Level						Delta Level						TOTAL	
	Trimester 1	CH	Trimester 2	CH	Trimester 3	CH	Trimester 1	CH	Trimester 2	CH	Trimester 3	CH	Trimester 1	CH	Trimester 2	CH	Trimester 3	CH		
Core	Mathematical Techniques I	3	Mathematical Techniques II	3			Probability & Statistics	4	Internet Computing	3				Ethics & Professional Conducts	3				16	
	Computer Programming I	3	Computer Programming II	3			Data Structures & Algorithms	3											9	
	Digital Systems	4	Discrete Structures	4			Object Oriented Programming	3											11	
	Database Systems	3	Introduction to Machine Architecture	4																7
	Technopreneur Venture	2	Operating Systems	3																5
			Data Communications & Networking	4																4
Major							System Analysis & Design	3	Software Engineering Fundamentals	3			Project I	3	Project II	3			12	
							Computer Networks	3	Routing & Switching	3			High-Speed Networks	3	Client-Server Computing	3			12	
									Cryptography & Data Security	3			Network Security & Management	3	Real Time Systems	3			9	
													TCP/IP Programming	3	Mobile & Wireless Communications	3			6	
													Network System for Multimedia	3					3	
Industrial Training										Industrial Training	6								6	
Elective								Elective 1*	3			Elective 2*	3	Elective 3*	3				9	
Arts and Humanities	*Bahasa Kebangsaan A/B or Foreign Language	3					Co-curriculum	2	Workplace Communication	3							Malaysian Studies	3	8	
	Islamic Studies/ Moral Studies	3															Contemporary Management & Entrepreneurship	4	5	
Total Courses	7		6		0		6		6		1		6		6		2		40	
Total Credits		21		21		0		18		18		6		18		18		7	127	

*Elective subjects are to be selected from the major subjects from any BIT programmes

**Malaysians who have fulfilled the Bahasa Malaysia requirement (either having passed Bahasa Malaysia with a credit at SPM level; or having passed the MPW2113 Bahasa Kebangsaan A during FOSEE/Diploma or other previous studies) shall be required take a 3CH foreign language subject. They shall only take a foreign language course which is not their native language and they have no formal education in. International students are to choose a foreign language which is not their native language and which they have no formal education in but they are highly encouraged to take up MPW2123 - Bahasa Kebangsaan B.*