

Bachelor of Information Technology (Honours) Data Communications & Networking - June 2012 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	Database Systems	3			Object-Oriented Programming	3											10	
	Discrete Structures	4	Introduction to Machine Architecture	4																8
	Technopreneur Venture	2	Data Communications & Networking	4																6
	Operating Systems	3																		3
Major							System Analysis & Design	3	Software Engineering Fundamentals	3			Project I	3	Project II	3			12	
							Computer Networks	3	Routing & Switching	3			Client-Server Computing	3	High-Speed Networks	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									3	
									Elective 2*	3			Elective 3*	3					6	
Arts and Humanities				Contemporary Management & Entrepreneurship	4												*Bahasa Kebangsaan A/B or Foreign Language	3	7	
				Malaysian Studies	3												Islamic Studies/ Moral Studies	3	6	
				Co-curriculum	2												Workplace Communication	3	5	
Total Courses	6		5		3		5		6		1		6		5		3		40	
Total Credits		19		17		9		16		18		6	18		15		9		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.