

**Bachelor of Information Technology (Honours) Security Technology - June 2013 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		
<b>Core</b>	Mathematical Techniques I	3	Mathematical Techniques II	3			Probability & Statistics	4	Internet Computing	3									13	
	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
	Operating Systems	3	Data Communications & Networking	4																7
<b>Major</b>							Computer Networks	3	Computer Security	3			Project I	3	Project II	3	Technopreneur Venture	2	14	
							System Analysis & Design	3	Applied Cryptography	3			Password Authentication & Biometrics	3	Ethical Hacking & Security Assessment	3			12	
									Cyber Law on E-Commerce	3			Digital Watermarking	3	Computer Virus & Intrusion Detection	3			9	
									Physical Security	3			Network Security & Management	3	Ethics and Professional Conduct	3			9	
									Information Theory	3									3	
<b>Industrial Training</b>											Industrial Training	6							6	
<b>Elective</b>							Elective 1*	3					Elective 2*	3	Elective 4*	3			9	
													Elective 3*	3					3	
<b>Arts and Humanities</b>					Business & Entrepreneurship in Malaysia	3											Bahasa Melayu Komunikasi 2/ Tamadun Islam dan Tamadun Asia	3	6	
					Bahasa Kebangsaan A or Foreign Language	3											Pengajian Malaysia 3/ Hubungan Etnik	3	6	
					Co-Curriculum	2													2	
<b>Total Courses</b>	5		5		3		6		6		1		6		5		3		40	
<b>Total Credits</b>	17		17		8		19		18		6		18		15		8		126	

**Elective subjects are to be selected from the following list:**

- |  |                                      |
|--|--------------------------------------|
| Database Security                      | Introduction to Knowledge Management |
| Pattern Recognition                    | Mobile & Wireless Communications     |
| Software Engineering Fundamentals      | Technology Transfer                  |
| Data Mining & Machine Learning Systems | Information Systems Audit            |

**Arts and Humanities Subjects:**

Malaysian students with a credit in SPM Bahasa Melayu are to take the following subjects:

- (1) Hubungan Etnik (2) Tamadun Islam dan Tamadun Asia (3) Foreign Language (not native language) (4) Business and Entrepreneurship in Malaysia (5) Co-Curriculum

Malaysian students without a credit in SPM Bahasa Melayu are to take the following subjects:

- (1) Hubungan Etnik (2) Tamadun Islam dan Tamadun Asia (3) Bahasa Kebangsaan A (4) Business and Entrepreneurship in Malaysia (5) Co-Curriculum

International students are to take the following subjects:

- (1) Pengajian Malaysia 3 (2) Bahasa Melayu Komunikasi 2 (3) Foreign Language (not native language) (4) Business and Entrepreneurship in Malaysia (5) Co-Curriculum