

**SARJANA MUDA TEKNOLOGI KEJURUTERAAN (KEPUJIAN) SISTEM RANGKAIAN  
BACHELOR OF ENGINEERING TECHNOLOGY (HONS) IN NETWORKING SYSTEMS  
(SLT FORMAT – NEW STRUCTURE)**

**EFFECTIVE INTAKE : SEPTEMBER 2013**

NO	SUBJECT CODE	CATEGORY	SUBJECT NAME	CREDIT	SLT		
					F2F	NON- F2F	TOTAL
	<b>SEMESTER 1</b>						
1	INB 10303	DISCIPLINE CORE	DIGITAL PRINCIPLES	3	56	70	126
2	ICB 10103	COMMOM CORE	INTRO TO COMPUTING & INFORMATION SYSTEM	3	50	70	120
3	INB 23103	DISCIPLINE CORE	DATA COMMUNICATION	3	77	43	120
4	IGB 12102	COMMOM CORE	MATHEMATICS FOR TECHNOLOGIST 1	2	35.5	44.5	80
5	MPU 3333	MPU COMPULSORY	ISU-ISU KONTEMPORARI MUSLIM DI MALAYSIA (L-M)	3	46	74	120
6	MPU 3343	MPU COMPULSORY	CULTURE & LIFESTYLE IN MALAYSIA (L-NM & 1)		42	78	120
7	ISB 10103	COMMOM CORE	PRINCIPLES OF COMPUTER PROGRAMMING	3	75.5	44.5	120
8	WEB 10302	UNIVERSITY COMPULSORY	FUNDAMENTAL ENGLISH	2	42	48	90
			<b>SEMESTER TOTAL</b>	<b>19</b>	<b>424</b>	<b>472</b>	<b>896</b>

NO	SUBJECT CODE	CATEGORY	SUBJECT NAME	CREDIT	SLT		
					F2F	NON- F2F	TOTAL
	<b>SEMESTER 2</b>						
1	INB10403	DISCIPLINE CORE	DIGITAL SYSTEM	3	56	64	120
2	IGB12202	COMMOM CORE	MATHEMATICS FOR TECHNOLOGIST 2	2	35.5	44.5	80
3	MPU 3123	MPU COMPULSORY	TAMADUN ISLAM & TAMADUN ASIA (TITAS) (L)	3	46	74	120
4	MPU 3143	MPU COMPULSORY	BAHASA MELAYU KOMUNIKASI 2 (i)		42	78	120
5	INB12604	DISCIPLINE CORE	NETWORK FUNDAMENTALS	4	67	93	160
6	ISB 16003	DISCIPLINE CORE	OBJECT ORIENTED PROGRAMMING	3	74	46	120
7	MPU 3232	MPU COMPULSORY	TECHNOPRENEURSHIP	2	34	46	80
8	WEB 20202	UNIVERSITY COMPULSORY	PROFESSIONAL ENGLISH 1	2	42	48	90
			<b>SEMESTER TOTAL</b>	<b>19</b>	<b>396.5</b>	<b>493.5</b>	<b>890</b>

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					F2F	NON- F2F	TOTAL
	<b>SEMESTER 3</b>						
1	IGB 10003	COMMOM CORE	ENGINEERING MATHEMATICS 1	3	54	66	120
2	INB 22603	DISCIPLINE CORE	MICROPROCESSOR	3	56	64	120
3	INB 23604	DISCIPLINE CORE	ROUTING PROTOCOLS & CONCEPTS	4	70	90	160
4	INB 23704	DISCIPLINE CORE	LAN SWITCHING	4	70	90	160
5	ISB 30503	DISCIPLINE CORE	DATA STRUCTURES & ALGORITHMS	3	57	63	120
6	WEB 20302	UNIVERSITY COMPULSORY	PROFESSIONAL ENGLISH 2	2	38	52	90
			<b>SEMESTER TOTAL</b>	<b>19</b>	<b>345</b>	<b>425</b>	<b>770</b>

NO	SUBJECT CODE	CATEGORY	SUBJECT NAME	CREDIT	SLT		
					F2F	NON- F2F	TOTAL
	<b>SEMESTER 4</b>						
1	MPU 3113	MPU COMPULSORY	HUBUNGAN ETNIK (L)	3	46	74	120
2	MPU 3173	MPU COMPULSORY	PENGAJIAN MALAYSIA 3 (I)		42	78	120
3	INB 24403	DISCIPLINE CORE	SYSTEM TOOL & ADMINISTRATION	3	56	64	120
4	INB 24604	DISCIPLINE CORE	WAN TECHNOLOGY	4	70	93	163
5	INB 47403	DISCIPLINE CORE	WIRELESS NETWORK	3	56	64	120
6	ICB 20503	DISCIPLINE CORE	DATABASE MANAGEMENT SYSTEMS	3	47	73	120
7	WBB 10202	UNIVERSITY COMPULSORY	INNOVATION MANAGEMENT	2	46	34	80
8	MPU 34*2	MPU COMPULSORY	CO-CURRICULUM *	2			
			<b>SEMESTER TOTAL</b>	<b>20</b>	<b>363</b>	<b>480</b>	<b>843</b>

NO	SUBJECT CODE	CATEGORY	SUBJECT NAME	CREDIT	SLT		
					F2F	NON- F2F	TOTAL
	<b>SEMESTER 5</b>						
1	INB 35605	DISCIPLINE CORE	ADVANCED ROUTING	5	70	130	200
2	INB 35705	DISCIPLINE CORE	MULTILAYER SWITCHING	5	70	90	160
3	INB 34403	DISCIPLINE CORE	SYSTEM & NETWORK PROGRAMMING	3	56	64	120
4	INB 35303	DISCIPLINE CORE	NETWORK SECURITY	3	58	62	120
5	INB 33103	DISCIPLINE CORE	TELECOMMUNICATION	3	50	70	120
6	WMD 10101	UNIVERSITY COMPULSORY	MANDARIN 1	1	28	22	50
			<b>SEMESTER TOTAL</b>	<b>20</b>	<b>332</b>	<b>438</b>	<b>770</b>

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					F2F	NON- F2F	TOTAL
	<b>SEMESTER 6</b>						
1			ELECTIVE BNS 1**	3			
2	INB 47605	DISCIPLINE CORE	NETWORKS TROBLESHOOTING	5	102	98	200
3	IDB 40203	DISCIPLINE CORE	PROJECT MANAGEMENT	3	60	60	120
4	WPB 49804	DISCIPLINE CORE	FINAL YEAR PROJECT 1	4	48	112	160
5	IDB 30102	COMMOM CORE	RESEARCH METHDOLOGY	2	24	56	80
6	WMD 10201	UNIVERSITY COMPULSORY	MANDARIN 2	1	28	23	51
			<b>SEMESTER TOTAL</b>	<b>18</b>	<b>262</b>	<b>349</b>	<b>611</b>

NO	SUBJECT CODE	CATEGORY	SUBJECT NAME	CREDIT	SLT		
					F2F	NON- F2F	TOTAL
	<b>SEMESTER 7</b>						
1			ELECTIVE BNS 2**	3			
2			ELECTIVE BNS 3**	3			
3	INB 48103	DISCIPLINE CORE	NETWORK MANAGEMENT	3	56	60	116
4	IGB 30303	COMMOM CORE	CYBER LAW	3	32	88	120
5	WPB 49906	DISCIPLINE CORE	FINAL YEAR PROJECT 2	6	33	207	240
			<b>SEMESTER TOTAL</b>	<b>18</b>	<b>121</b>	<b>355</b>	<b>476</b>

NO	SUBJECT CODE	CATEGORY	SUBJECT NAME	CREDIT	SLT		
					F2F	NON- F2F	TOTAL
	<b>SEMESTER 8</b>						
1	WIB 39908	INDUSTRIAL TRAINING	INDUSTRIAL TRAINING	8	2	318	320
			<b>SEMESTER TOTAL</b>	<b>8</b>	<b>2</b>	<b>318</b>	<b>320</b>
			<b>TOTAL FOR THE PROGRAMME</b>	<b>141</b>	<b>2245.5</b>	<b>3330.5</b>	<b>5576</b>

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<b>**ELECTIVE SUBJECTS</b>							
1	INB 47303	ELECTIVE	REAL-TIME SYSTEM	3	56	64	120
2	INB 48403	ELECTIVE	WIRELESS SENSOR NETWORK	3	52	68	120
3	INB 48303	ELECTIVE	VoIP	3	56	64	120
4	IKB 41103	ELECTIVE	ADVANCED NETWORK SECURITY	3	58	62	120
5	IBB 42103	ELECTIVE	SYSTEM PERFORMANCE & MODELLING	3	56	64	120
6	INB 47703	ELECTIVE	DIGITAL SIGNAL PROCESSING	3	50	70	120
7	INB 48203	ELECTIVE	HIGH SPEED NETWORK (BROADBAND)	3	56	64	120

<b>CO-CURRICULUM *</b>							
1	MPU 3412	MPU COMPULSORY	CAREER GUIDANCE 2	2	28	52	80
2	MPU 3422	MPU COMPULSORY	COMMUNITY SERVICE 2	2	28	52	80
3	MPU 3432	MPU COMPULSORY	CULTURE 2	2	28	52	80
4	MPU 3442	MPU COMPULSORY	RAKAN MASJID 2	2	28	52	80
5	MPU 3452	MPU COMPULSORY	SISWA-SISWI BOMBA & PENYELAMAT 2	2	28	52	80
6	MPU 3462	MPU COMPULSORY	SISWA-SISWI PERTAHAN AWAM 2	2	28	52	80
7	MPU 3472	MPU COMPULSORY	SPORTS MANAGEMENT 2	2	28	52	80
8	MPU 3482	MPU COMPULSORY	PERSONAL FINANCIAL MANAGEMENT 2	2	28	52	80
9	MPU 3492	MPU COMPULSORY	ASKAR WATANIAH	2	28	52	80

<b>ADDITIONAL MODULE (CREDIT NOT INCLUDED IN TOTAL CREDIT TO GRADUATE – TCG)</b>							
1	MPU 3213	MPU COMPULSORY	BAHASA KEBANGSAAN A	3	42	78	120

**Note :**

1. \*\*\*Additional module – MPU 2213 Bahasa Kebangsaan A

2. Legend :-

- a. (L) For Local Student
- b. (I) For International Student
- c. (L-M) For Local Muslim Student
- d. (L-NM) For Local Non Muslim Student

3. Passing mark For MPU Compulsory Subject is 50 mark (C).