

**STRUKTUR IJAZAH SARJANA MUDA KEJURUTERAAN (KEPUJIAN) KEJURUTERAAN ELEKTRONIK  
BACHELOR ENGINEERING (HONS) (ELECTRONIC) STRUCTURE**

		10		200		300		400						
		Semester 1	Semester 2	Semester 3	Semester 4	Semester 5	Semester 6	Semester 7	Semester 8					
<b>TERAS (Core)</b>	EUM113/3 Kalkulus Kejuruteraan (Engineering Calculus)	<b>Cuti Pertengahan Semester (Mid Semester Break)</b>	EUM114/3 Kalkulus Kej. Lanjutan (Advanced Engineering Calculus)	<b>Cuti Panjang (Long Vacation)</b>	EEE232/3 Analisis Kompleks (Complex Analysis)	<b>Cuti Pertengahan Semester (Mid Semester Break)</b>	EEE243/3 Makmal Elektronik Analog (Analog Electronics Lab)	<b>EEL303/5 Latihan Industri (Industrial Training)</b>	EEE443/3 Pemrosesan Isyarat Digit (Digital Signal Processing)	<b>Cuti Pertengahan Semester (Mid Semester Break)</b>	EEE499/6 Projek Prasiswazah (Undergraduate Project)			
	EBB113/3 Bahan Kejuruteraan (Engineering Material)		EEE125/3 Makmal Asas Litar (Basic Circuit Lab)		EEE231/3 Makmal Elektronik Digit (Digital Electronic Lab)		EEE226/3 Mikropemroses I (Microprocessor I)		EEE320/3 Mikropemroses II (Microprocessor II)		EUP222/3 Jurutera Dlm Masyarakat (Engineer In Society)	EEE424/3 Reka Bentuk Kejuruteraan Elektronik (Electronic Eng. Design)	EEM 421/4 Kaedah Kualiti (Quality Techniques)	
	EMM101/3 Mekanik Kejuruteraan (Engineering Mechanics)		EEE130/3 Elektronik Digit I (Digital Electronic I)		EEE208/3 Teori Litar II (Circuit Theory II)		EEE276/3 Teori Elektromagnet (Electromagnetic Theory)		EEE378/3 Elektronik Digit II (Digital Electronics II)		EEE354/3 Sistem Kawalan Digit (Digital Control Systems)			
	EEE105/3 Teori Litar I (Circuit Theory I)		EEE133/3 Peranti dan Litar Elektronik (Electronic Devices & Clrcuit)		EEE241/3 Elektronik Analog I (Analog Electronics I)		EEE260/3 Mesin Elektrik (Electrical Machines)		EEE382/3 Kebarangkalian & Statistik Kej. (Probability & Engineering Statistic)		EEE348/3 Pengantar Rekabentuk Litar Bersepadu (Intro.to Inter. Circuit Design)			
	EEE123/3 Pengaturcaraan Komputer untuk Jurutera (Comp. Prog. for Eng)		EEL102/2 Amalan Kejuruteraan (Engineering Practice)		EEE228/3 Isyarat & Sistem (Signal & System)		EEE270/3 Elektronik Analog II (Analog Electronic II)		EEE350/3 Sistem Kawalan (Control Systems)					
	15	14	15	15	16	12	5	6	10	108				
<b>KEP. UNIV. (Univ Req.)</b>	LKM 400/2: B.Malaysia (Malay Language)	WUS101/2: Teras Keusahawanan (Core Entrepreneurship)	LSP/2: B.Ingggris (English Language)	HTU223/2 TITAS (Islamic and Asian Civilisations)	LSP/2 B.Ingggris (English Language)				OPSYEN/3 (Options/3)	15				
<b>ELEKTIF (Elective)</b>	<b>CATATAN: (Note)</b>  Pilih SATU kursus Elektif pada Semester 6 dan sebarang DUA kursus Elektif pada Semester 7.  (Choose ONE Elective course from Semester 6 and any TWO Elective courses from Semester 7)						EEE322/4 Kej. Gelombang Mikro & RF (RF & Microwave Eng)		EEE449/4 Rangkaian Komp. (Computer Networks)		12			
							EEE344/4 Sistem VLSI (VLSI System)		EEE430/4 Kej. Perisian (Software Eng.)					
							EEE355/4 Robotik & Pengautomatan (Robotic & Automation)		EEE440/4 Sis. Perhubungan Moden (Modern Comm. System)					
							EEE377/4 Perhubungan Digit (Digital Communication)		EEE432/4 Antena & Perambatan (Antennas & Propagation)					
									EEE445/4 Rekabentuk Litar Analog Bersepadu (Analogue Integrated Circuit Design)					
	EEE453/4 Rekabentuk Sistem Kawalan (Control System Design)													
Jumlah Unit per Semester	17	18	17	17	18	16	5	14	13 10 (tanpa opsyen)	135				
<b>JUMLAH UNIT MINIMUM BAGI PENGIJAZAHAN (TOTAL MINIMUM UNIT FOR GRADUATION)</b>										<b>135</b>				