

**Curriculum Structure for Bachelor of Engineering (Honours)  
Electrical Systems Engineering (RK23)  
Cohort 2015**

YEAR	FIRST		SECOND		THIRD			FOURTH	
SEMESTER	I	II	III	IV	V	VI		VII	VIII
Discipline Core ( 96 )	EET106/3 Engineering Science	EET110/3 Computer Programming	EET206/3 Electric Circuit II	EET208/3 Electrical Power Technology	EET301/4 Power System Engineering	EET308/3 Power System Analysis	EIT302/4 Industrial Training	EET445/2 Final Year Project I	EET446/4 Final Year Project II
	EET108/3 Electric Circuit I	EET107/3 Digital Electronics I	EET202/3 Digital Electronics II	EET203/4 Microcontroller Systems Design	EET302/3 Control Systems Engineering	EET307/4 Power Electronics I		EET412/3 Electrical Machine Design	EET416/3 Electrical Drives
		EET109/3 Electronic Devices	EET205/4 Analog Electronics	EET207/3 Signals and Systems	EET306/4 Electrical Machines	EET304/3 Communication System Engineering		EET411/3 Power System Operation & Control	EET417/3 High Voltage Engineering
			EET204/3 Instrumentation and Measurements		EET303/3 Electromagnetic Theory	EET333/3 Engineering Team Project		EET414/3 Substation Design	
								EETXXX/3 Elective I	EETXXX/3 Elective II
Common Core ( 24 )	EQT101/3 Engineering Mathematics I	EQT102/3 Engineering Mathematics II	EQT203/3 Engineering Mathematics III	EQT271/3 Engineering Statistics	EUT442/2 Professional Engineers	EET311/2 Engineering Economics			EUT444/3 Management for Engineers
		ECT111/3 Engineering Skills		UUT122/2 Skills and Technology in Communication					
University Required ( 17 )	UUW233/2 Islamic Civilization and Asia Civilization	UVW211/2 English for General Purpose		UVW312/2 English for Technical Communication		UUW322/2 Thinking Skills			UUWXXX/2 Option
	UVW410/2 University Malay Language		UZWXXX/1 Co-curriculum	UUW224/2 Engineering Entrepreneurship					
	UUW235/2 Ethnic Relation								
	UVA111/0 Foundation English								
	UZWXXX/1 Uniform Body	UZWXXX/1 Uniform Body							
137	16	18	17	19	16	17	4	14 (or 16)	16

**Total Units for Graduation 137 (or 139)**

*Elective I: EET427/3 Industrial Electronic Control or EET426/3 Power Electronics II or EET431/3 Electrical Energy System or EET432/3 Electrical Energy Utilization*

*Elective II: EET418/3 Power Quality or EET422/3 EMC & Compliance Engineering or EET433/3 Renewable Energy System*

*MUET Band 1 and 2 student: Must take UVA111 and pass with minimum grade C. They must also take UVW211 and UVW312. They can take Option course but will graduate with 139 Credit.*

*MUET Band 3 student: Don't have to take UVA111 but must take UVW211 and UVW312. They can take Option course but will graduate with 139 Credit.*

*MUET Band 4 and above: Don't have to take UVA111 and UVW211 but must take UVW312. The Option course is compulsory for them.*