

**Curriculum Structure for Bachelor of Electrical Engineering with Honours
Cohort 2018**

YEAR	FIRST		SECOND		THIRD			FOURTH		
SEMESTER	I	II	III	IV	V	VI		VII	VIII	
<i>Discipline Core (94 Units) (31 Courses)</i>	EET111/2 Engineering Science	EET109/3 Electronic Devices	EET204/3 Instrumentation and Measurements	EET203/4 Microcontroller Systems Design	EET301/4 Power System Engineering	EET304/3 Communication System Engineering	<i>EIT302/4 Industrial Training</i>	EET445/2 Final Year Project I	***EET446/4 Final Year Project II	
	EET140/3 Electric Circuit I	EET110/3 Basic Computer Programming	EET205/4 Analog Electronics	EET207/3 Signals and Systems	EET302/3 Control Systems Engineering	EET307/4 Power Electronics I		***EET447/2 Engineering Team Project II	EET416/3 Electrical Drives	
	EET142/2 Introduction to Electrical Engineering	***EET141/3 Electric Circuit II	EET209/4 Digital Electronics	EET208/3 Electrical Power Technology	EET303/3 Electromagnetic Theory	EET308/3 Power System Analysis		EET417/3 High Voltage Engineering	EETXXX/3 Elective III	
			***EET240/3 Electric Circuit III		EET306/4 Electrical Machine	EET432/3 Electrical Energy Utilization		EETXXX/3 Elective I	EETXXX/3 Elective IV	
						EET334/1 Engineering Team Project I		EETXXX/3 Elective II		
<i>Common Core (26 Units) (9 Courses)</i>	EQT101/3 Engineering Mathematics I	EQT102/3 Engineering Mathematics II	EQT203/3 Engineering Mathematics III	EQT271/3 Engineering Statistics	EUT442/2 Professional Engineers	EUT444/3 Management for Engineers				
		ECT111/3 Engineering Skills		UUT122/2 Skills and Technology in Communication						
<i>University Required (16 Units) (10 Courses)</i>	**UW233/2 Islamic Civilization and Asia Civilization	*UVW201/2 English for General Communication		*UVW312/2 English for Technical Communication	*Option/2				UW322/2 Thinking Skills	UW224/2 Engineering Entrepreneurship
	**UVW410/2 University Malay Language									
	**UW235/2 Ethnic Relations									
	*UVA101/0 Preparatory English									
	UZWXXX/1 Co-curriculum	UZWXXX/1 Co-curriculum								
136	17	18	17	17	16	17	4	15	15	
<i>Total Units for Graduation 136</i>										

*Compulsory and optional courses according to MUET Results

MUET	UVA101/0	UVW201/2	UVW312/2	Option/2
Band 2	Compulsory	Compulsory	Compulsory	Optional
Band 3		Compulsory	Compulsory	Optional
Band 4, 5 and 6			Compulsory	Compulsory

Band 2 & 3 students may take Option course but will graduate with 138 Credits.

** Course specific for local or international student

Local	International
UUW233/2 Islamic Civilization and Asia Civilization	UUW237/2 Malaysian Cultures
UUW235/2 Ethnic Relations	UUW239/2 Malaysian Studies
UVW410/2 University Malay Language	UVW110/2 Basic Malay Language

***Courses with prerequisite

Course	Prerequisite
EET141/3	EET140/3
EET240/3	EET141/3
EET447/2	EET334/1
EET446/4	EET445/2