

CURRICULUM BRIEF
DIPLOMA KEJURUTERAAN ELEKTRIK SERTA TEKNOLOGI
FACULTY OF ELECTRICAL AND ELECTRONIC ENGINEERING
THREE YEARS PROGRAMME

YEAR	SEMESTER I			SEMESTER II			SEMESTER III					
	CODE	COURSE	CREDIT	CODE	COURSE	CREDIT	CODE	COURSE	CREDIT			
1	UMA 1132/ UMA 1142	Islamic Studies / Moral Studies	2	UM* 1312	Foreign Language	2						
	UMS 1133	Nationhood and Current Malaysia Development	3	UMB 1112	Technical Communication I	2						
	UMB 1011	English for Academic Purpose **	1	DSF 1973	Physics II	3						
	DSK 1912	Chemistry	2	DSM 1933	Mathematics II	3						
	DSF 1963	Physics I	3	DEE 1212	Computer Technology	2						
	DSM 1913	Mathematics I	3	DEE 1223	Circuit Theory	3						
	DEE 1113	Electrical Technology	3	DE* 1213	Technology Elective I*	3						
		17			18							
2	UMA 3032	Akidah, Ketuhanan dan Sains	2	UQ* 1**1	Co-Curriculum	1						
	DSM 2933	Mathematics III	3	DSM 2932	Engineering Statistic	2						
	DEE 2112	Computer Programming	2	DPK 2013	Perniagaan dan Keusahawanan	3						
	DEE 2123	Digital Electronic	3	DEE 2213	Computer Aided Design	3						
	DEE 2133	Electronic	3	DEE 2223	Logic System	3						
	DET 2142	Electrical Instrumentation and Measurement	2	DET 2233	Electrical Engineering Practice	3						
	DE* 2113	Technology Elective II *	3	DE* 2213	Technology Elective III*	3						
		18			18							
3	UMB 1122	Technical Communication II	2				DEE 3316	Latihan Industri (LI) (12 minggu)	6			
	DEE 3112	Supervisory Skill	2							DEE 3213	Computer and Data Communication	3
	DEK 3113	Industrial Electronics	3							DEK 3213	Electric Power System	3
	DEK 3123	Control System	3							DEK 3223	Automation System and Robotic	3
	DEK 3133	Microcontroller	3							DEK 3233	Communication Engineering	3
	DEK 3143	Electric Machines and Drives	3							DEK 3242	Electrical Engineering Project	2
	DE* 3113	Technology Elective IV*	3							DE* 3123	Technology Elective V*	3
		19			17			6				
JUMLAH KREDIT						107			6			
Diploma Kejuruteraan Elektrik serta Teknologi (DET)				113 (91+Elektif Teknologi+LI)		Jumlah Keseluruhan		113				

** Pelajar yang telah mengambil MUET dengan sekurang-kurangnya Band 3 dan mendapat tahap lulus lebih 50% dalam Ujian Penempatan Bahasa Inggeris akan mendapat pengecualian untuk mata pelajaran UMB 1011.

* Elektif Teknologi = Elektrif Teknologi I, II, III, IV dan V diambil dari mata pelajaran kumpulan yang sama