

CURRICULUM STRUCTURE DIPLOMA OF ELECTRICAL ENGINEERING COHORT 2017/2018

TYPE COURSE	SEMESTER KHAS PERMULAAN	YEAR 1			YEAR 2				YEAR 3	
		SEMESTER 1	SEMESTER 2		SEMESTER 1	SEMESTER 2	SEMESTER 3		SEMESTER 1	
MATHEMATICS, SCIENCE AND COMPUTER		DEKA 1212 ALGEBRA	DEKA 1222 CALCULUS		DEKA 2332 DIFFERENTIAL EQUATION	DEKA 2342 ENGINEERING MATHEMATICS				
		DITG 1112 COMPUTER SKILLS	DITG 1113 COMPUTER PROGRAMMING							
		DEKA 1213 PHYSICS								
CREDIT HOUR SEMESTER		7	5		2	2	0	0	16	
CORE PROGRAM (P)		DEKE 2333 DIGITAL ELECTRONICS	DEKE 2433 ANALOGUE ELECTRONICS I	L O N G S E M E S T E R	DEKE 2443 ANALOGUE ELECTRONICS II	DEKE 3443 POWER ELECTRONICS	DEKU 3118 INDUSTRIAL TRAINING	L O N G S E M E S T E R	DEKC 3643 AUTOMATION	
		DEKP 1121 ELECTRICAL WORKSHOP 1	DEKP 1223 ELECTRICAL CIRCUIT II		DEKM 3753 ELECTRICAL MACHINE	DEKC 3813 CONTROL SYSTEM ENGINEERING			DEKP 3763 POWER SYSTEM	
		DEKP 1213 ELECTRICAL CIRCUIT I	DMCG 1323 INTRODUCTION TO MECHANICAL SYSTEM		DEKC 2333 INSTRUMENTATION & MEASUREMENT	DEKC 3433 COMMUNICATION ENGINEERING			DEKP 2214 PROJECT DIPLOMA	
			DEKP 2241 ELECTRIC WORKSHOP II		DEKC 1313 MICROPROCESSOR	DEKP 3533 ENGINEERING PRACTICE				
CREDIT HOUR SEMESTER		7	10		12	12	8	10	59	
ELECTIVE (‘E)				T E R B E A K				T E R B E A K	Choose 1 Only	
									DEKP 3563 RENEWABLE ENERGY AND APPLICATION	
									DEKP 3553 BUILDING MAINTENANCE AND MANAGEMENT	
									DEKM 3553 INDUSTRIAL ROBOTIC	
CREDIT HOUR SEMESTER		0	0		0	0	0	3	3	
UNIVERSITY COMPULSORY COURSES (W)	DLHW 1012 FOUNDATION ENGLISH	DLHW 1032 MALAYSIAN STUDIES	DLHW 2422 ENGLISH FOR EFFECTIVE COMMUNICATION		DLHW 3432 ENGLISH FOR MARKETABILITY	DTMW 1012 FUNDAMENTAL OF ENTREPRENEURAL				
	DLHW 1702 TITAS	DKKX 1XX1 CO-CURRICULUM I			DKKX 1XX1 CO-CURRICULUM II					
	DLHW 1722 PHILOSOPHY OF SCIENCE & TECHNOLOGY									
CREDIT HOUR SEMESTER	6	3	2		3	2	0	0	16	
TOTAL CREDIT	6	17	17		17	16	8	13	94	