

CURRICULUM STRUCTURE DIPLOMA OF ELECTRICAL ENGINEERING COHORT 2020/2021

TYPE COURSE	SEMESTER KHAS PERMULAAN	YEAR 1				YEAR 2			YEAR 3	
		SEMESTER 1		SEMESTER 2	SEMESTER 3	SEMESTER 1	SEMESTER 2		SEMESTER 1	
MATHEMATICS, SCIENCE AND COMPUTER		DEKA 1212 ALGEBRA		DEKA 1222 CALCULUS		DEKA 2333 DIFFERENTIAL EQUATION	DEKA 2342 ENGINEERING MATHEMATICS			
		DEKA 1113 PHYSICS		DITG 1113 COMPUTER PROGRAMMING						
CREDIT HOUR SEMESTER		5		5	0	3	2		0	15
CORE PROGRAM (P)		DEKE 1113 PRINCIPLE OF ELECTRICAL AND ELECTRONICS	L O N S E M E S T E R	DEKE 1213 ANALOGUE ELECTRONICS	DEKC 1313 MICROPROCESSOR	DEKE 2123 POWER ELECTRONICS	DEKP 2213 POWER SYSTEM	L O N S E M E S T E R	DEKU 3118 INDUSTRIAL TRAINING	
		DEKP 1111 BASIC ELECTRICAL SKILL		DEKP 1213 ELECTRICAL CIRCUIT I	DEKA 1312 SAFETY AND HEALTH FOR ENGINEERS	DEKC 2113 CONTROL SYSTEM ENGINEERING	DEKP 2214 DIPLOMA PROJECT			
		DEKE 1123 DIGITAL ELECTRONICS		DMCG 1323 INTRODUCTION TO MECHANICAL SYSTEM		DEKE 2113 ELECTRICAL MACHINE				
		DEKC 1113 INSTRUMENTATION & MEASUREMENT		DEKP 1211 ELECTRICAL WORKSHOP		DEKP 2113 ELECTRIC CIRCUIT II				
						DEKC 2123 AUTOMATION				
CREDIT HOUR SEMESTER		10		10	5	15	7		8	55
ELECTIVE (E)			R E B R E A K				Choose 2 Only DEKP 2223 RENEWABLE ENERGY AND APPLICATION DEKP 2233 BUILDING MAINTENANCE AND MANAGEMENT DEKC 2213 INDUSTRIAL ROBOTIC	T E R B R E A K		
CREDIT HOUR SEMESTER		0		0	0	0	6			6
UNIVERSITY COMPULSORY COURSES (W)	DLHW 1012 FOUNDATION ENGLISH	DLHW 2422 ENGLISH FOR EFFECTIVE COMMUNICATION		DLHW 3432 ENGLISH FOR MARKETABILITY	DTMW 1012 FUNDAMENTAL OF ENTERPRENEURIAL ACCULTURATION					
	DLHW 1742 LEADERSHIP	DKKX 1XX1 CO-CURRICULUM I		DKKX 2XX1 CO-CURRICULUM II						
	DLHW 2772 APPRECIATION OF ETHICS AND CIVILISATIONS									
CREDIT HOUR SEMESTER	6	3		3	2	0	0		0	14
TOTAL CREDIT	6	18		18	7	18	15		8	90