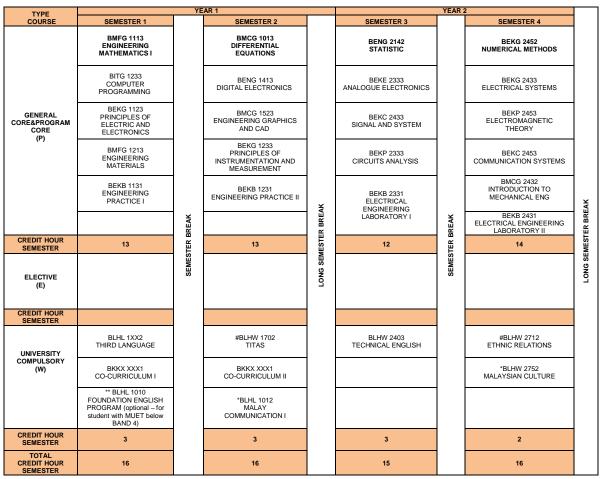
Cohort 2016/2017

CURRICULUM STRUCTURE - BEKG

Students are required to keep record of their obtained grades for a given subject as shown in Appendix B (Student Audit Form - BEKG) for graduation purpose.

COMPULSORY FOR LOCAL STUDENTS ONLY * COMPULSORY FOR INTERNATIONAL STUDENTS ONLY ** OPTIONAL



TYPE	YEAR 3				YEAR 4			
COURSE	SEMESTER 5		SEMESTER 6	SPECIAL SEMESTER	SEMESTER 7		SEMESTER 8	
GENERAL & PROGRAM CORE (P)	BMFG 4623 ENGINEERING ECONOMY AND MANAGEMENT	SEMESTER BREAK	BEKE 3543 POWER ELECTRONICS	BEKU 3695 INDUSTRIAL TRAINNING	BEKU 4861 ENGINEERING SEMINAR		BENG 4322 ENGINEER AND SOCIETY	
	BEKE 3533 ELECTRICAL MACHINE		BEKC 3663 INSTRUMENTATION AND CONTROL		BEKU 4792 FINAL YEAR PROJECT I	-	BEKU 4894 FINAL YEAR PROJECT II	
	BEKC 3523 CONTROL SYSTEMS ENGINEERING		BEKP 3653 POWER SYSTEMS AND HIGH VOLTAGE		BEKE 4753 ELECTRICAL DRIVES		BEKP 4853 ENERGY UTILLIZATION AND CONSERVATION	
	BEKC 3543 MICROPROSESSOR		BEKB 3673 INTEGRATED DESIGN PROJECT		BEKP 4773 POWER SYSTEMS ANALYSIS			
	BEKU 2333 ELECTRIC CIRCUIT II				BEKG 2462 ENGINEERING MATHEMATICS AND STATISTICS			
	BEKB 3551 ELECTRICAL ENGINEERING LABORATORY III				BEKB 4761 ELECTRICAL ENGINEERING LABORATORY IV	SEMESTER BREAK		
CREDIT HOUR SEMESTER	16	SEN	12	5	12	SEN	9	106
ELECTIVE (E)			ELECTIVE I		ELECTIVE II		ELECTIVE IV	
					ELECTIVE III			
CREDIT HOUR SEMESTER			3		6		3	12
UNIVERSITY Compulsory (W)	#BLHC 4032 CRITICAL AND CREATIVE THINKING		BLHW 3403 ENGLISH FOR PROFESSIONAL COMMUNICATION				BTMW 4012 ENTERPRENEUR- SHIP TECHNOLOGY	
	*BLHW 1742 MALAYSIAN STUDIES							
CREDIT HOUR SEMESTER	2		3				2	18
TOTAL CREDIT HOUR	18		18	5	18		14	136

ELECTIVE COURSES	CHOOSE FOUR (4) COURSES : THREE (3) COURSES FROM EITHER ONE (1) SPECIALIZATION AND ONE (1) COURSE FROM OPEN ELECTIVE						
	INDUSTRIAL POWER	CONTROL, INSTRUMENTATION & AUTOMATION	POWER ELECTRONICS & DRIVES				
	BEKP 3683	BEKC 3673	BEKE 3673				
	DISTRIBUTION SYSTEM DESIGN	INDUSTRIAL CONTROL AND AUTOMATION	INDUSTRIAL POWER ELECTRONICS				
ELECTIVE	BEKP 4873	BEKC 4773	BEKE 4763				
SPECIALIZATION	POWER SYSTEM PROTECTION	INTELLIGENT CONTROL SYSTEMS	MODERN ELECTRICAL DRIVES				
	BEKP 4883	BEKC 4683	BEKE 4743				
	HIGH VOLTAGE ENGINEERING	DIGITAL CONTROL SYSTEMS	INTELLIGENT MOTOR DRIVES				
	BEKP 4843	BEKM 4863	BEKE 4873				
	RENEWABLE ENERGY	INDUSTRIAL ROBOTICS	SPECIAL MACHINES				
OPEN ELECTIVE	Choose ONE (1) course from the same selected Elective Specialization OR Choose ONE (1) course from any Elective Specialization OR Choose ONE (1) course from any Elective Specialization OR Choose ONE (1) course from any Elective courses from other Engineering Faculties.						