

Legend:

KFD	Faculty Course
ZKU, ZEU, MPW	University Courses
POD	Service from other faculty
KED	Electrical & Electronic Core Courses
KED	Electrical & Electronic Core & Sharing Courses
KRD	Mechatronic Courses
KJD	Mechanical Courses

FACULTY : ENGINEERING  
 PROGRAMME : DIPLOMA IN ELECTRICAL AND ELECTRONIC ENGINEERING ( A 6705)

Year	Sem	Code	Courses	Credit Hours	L	T	P	Contact Hours/week	Pre-requisite	Remark	SLT
					/ weeks						
1	1 (14 weeks)	HKU 1111	Kepimpinan dan Kerja Berpasukan	1	2			2	-		
		ZEU 1113	Proficiency English I	3	3			3			
		KFD 1113	Mathematics 1	3	3			3	-		140
		KFD 1134	Physics	4	3		2	5	-	Science Lab	166
		KED 1112	Electronic Workshop	2	1		2	3			72
<b>Total Credit Hours For Semester 1</b>				<b>13</b>				<b>16</b>			
1	2 (14 weeks)	MPW 1143/ MPW 1153	Pengajian Islam / Pendidikan Moral	3	3			3	-		
		*** 1211	Kokurikulum (Pilihan)	1	2						
		ZEU 1223	Proficiency English II	3	3			3	ZEU 1113		
		KFD 1213	Mathematics 2	3	3			3	KFD 1113		140
		KFD 2223	Computer Programming	3	2		2	4			121
		KJD 1272	Engineering Drawing	2	1		2	3			94
KED 1212	Electrical Workshop	2	1		2	3			74		
<b>Total Credit Hours For Semester 2</b>				<b>17</b>				<b>19</b>			
1	3 (7 weeks)	MPW 1113/ MPW 1123	Bahasa Kebangsaan A / B	3	3			3	-		
<b>Total Credit Hours For Semester 3</b>				<b>3</b>				<b>3</b>	-		
2	1 (14 weeks)	MPW 1133	Pengajian Malaysia	3	3			3			
		KFD 1113	Mathematics 3	3	3			3	KFD 1213		140
		KED 1113	Circuit Theory 1	3	3			3	KFD 1213		131
		KED 1213	Digital Electronics	3	3			3		Digital Lab	140
		KED 2133	Communication System	3	3			3		Comm Lab	121
<b>Total Credit Hours For Semester 4</b>				<b>15</b>				<b>15</b>			
2	2 (14 weeks)	KED 2213	Signal & System	3	2	1		3			130
		KED 2223	Circuit Theory 2	3	2	1	-	3	KED 2113		129
		KED 2234	Analog Electronics	4	2	1	2	5	KED 2113	Analog, SpiceLab	160
		KED 2243	Microprocessor	3	3			3		MicroP Lab	140
		KED 2253	Measurement & Instrumentation	3	3			3		M & I Lab	140
<b>Total Credit Hours For Semester 5</b>				<b>16</b>				<b>17</b>			
2	3 (7 weeks)										
<b>Total Credit Hours For Semester 6</b>				-					-		
3	1 (14 weeks)	KED 3113	Computer Architecture	3	3			3			119
		KRD 2363	Control System	3	2		2	4	KED 2213	Matlab	145
		KED 3123	Data & Computer Network	3	3			3			131
		KED 3133	Digital Design	3	2		2	4	KED 2123	Visual Elite	120
		KED 3143	Electrical Machine	3	3			3	KED 2223	Machine Lab	156
<b>Total Credit Hours For Semester 7</b>				<b>15</b>				<b>17</b>	-		
3	2 (14 weeks)	KED 3213	Industrial Electronics	3	2		2	4	KED 2234	PLC	120
		KED 3223	Power System	3	3			3	KED 3143	Power Lab	156
		POD 3123	Entrepreneurship	3	3		-	3			
		KED3293	Project	3	3			3	CmpltYear 1, 2 & 3 (Sem 1)		112
<b>Total Credit Hours For Semester 8</b>				<b>12</b>				<b>13</b>	-		
3	3	KFD3346	Industrial Training	6					Complete All		240
<b>Total Credit Hours For Semester 9</b>				<b>6</b>					-		
<b>Total Credit Hours</b>				<b>97</b>							