

**Bachelor of Technology in Electrical Maintenance System with Honours (BEEM)**

	CODE	SUBJECT	CATEGORY	CREDIT	PRE-REQUISITE
SEMESTER 1	BEEM1114	Electrical System Drafting and Simulation <i>Draf dan Simulasi Elektrik</i>	T	4	
	BEEM1124	Technical Reporting <i>Pelaporan Teknikal</i>	T	4	
	BEEM1135	Electrical System Measurement & Testing <i>Pengukuran &amp; Pengujian Sistem Elektrik</i>	T	5	
	BTMU1112	Basic Intepreneuship <i>Asas Keusahawanan</i>	G	2	
	BLHW 1442	English for Academic Purpose <i>Bahasa Inggeris Untuk Tujuan Akademik</i>	G	2	
	BLHW1762	Philosophy and Current Issues <i>Falsafah &amp; Isu Semasa</i>	G	2	
	<b>TOTAL CREDITS THIS SEMESTER</b>				<b>19</b>
SEMESTER 2	BEEM1245	Solar PV Installation and Maintenance <i>Pemasangan dan Penyelenggaraan PV Solar</i>	T	5	
	BEEM1255	Switchboard Maintenance and Calibration <i>Penyelenggaraan dan Kalibrasi Papan Pensuisan</i>	T	5	
	BEEM1263	Professional Practices <i>Amalan Profesional</i>	T	3	
	BLHW2452	Academic Writing <i>Penulisan Akademik</i>	G	2	
	BKKM1561	Co-Curriculum 1 <i>Ko-kurikulum 1</i>	G	1	
	BLHL1212	Third Language <i>Bahasa Ketiga</i>	G	2	
<b>TOTAL CREDITS THIS SEMESTER</b>				<b>18</b>	
	CODE	SUBJECT	CATEGORY	CREDIT	PRE-REQUISITE
SEMESTER 3	BEEM2375	Building Electrical System Maintenance <i>Penyelenggaraan Sistem Elektrik Bangunan</i>	T	5	
	BEEM2385	Renewable Energy System Maintenance <i>Penyelenggaraan Sistem Tenaga boleh Diperbaharui</i>	T	5	
	BEEM2395	Generator System Maintenance <i>Penyelenggaraan Sistem Penjana</i>	T	5	
	BLHW 2772	Appreciation of Ethics and Civilisations <i>Penghayatan Etika &amp; Peradaban</i>	G	2	
	BKKC1631	Co-Curriculum 2 <i>Ko-kurikulum 2</i>	G	1	
<b>TOTAL CREDITS THIS SEMESTER</b>				<b>18</b>	

SEMESTER 4	BEEM2405	Electrical Machine & Drive System Integration <i>Integrasi Mesin Elektrik &amp; Sistem PenggeraK</i>	T	5	
	BEEM2415	Energy Efficiency Optimization <i>Pengoptimuman Kecekapan Tenaga</i>	T	5	
	BEEM2423	Collegiality Interaction and Management <i>Pengurusan &amp; Interaksi Rakan Sejawat</i>	T	3	
	BTMU2124	Technopreneur Capstone I <i>Teknopreneur Capstone I</i>	T	4	
	BLHW3462	English for Professional Interaction <i>Bahasa Inggeris Untuk Interaksi Profesional</i>	G	2	
<b>TOTAL CREDITS THIS SEMESTER</b>				<b>19</b>	
	CODE	SUBJECT	CATEGORY	CREDIT	PRE-REQUISITE
SEMESTER 5	BEEM3535	Industrial Machinery Control System Design <i>Rekabentuk Sistem Kawalan Pemesinan Industry</i>	T	5	
	BEEM3545	Monitoring System Integration <i>Integrasi Sistem Pemantauan</i>	T	5	
	BEEM3554	Industrial Data Analysis <i>Analisis data Perindustrian</i>	T	4	
	BTMU3134	Technopreneur Capstone II <i>Teknopreneur Capstone II</i>	T	4	
<b>TOTAL CREDITS THIS SEMESTER</b>				<b>18</b>	
SEMESTER 6	BEEM3664	Maintenance Management System (MMS) <i>Sistem Pengurusan Penyelenggaraan</i>	T	4	
	BEEM3674	Project Planning and Execution <i>Perancangan Projek dan Perlaksanaan</i>	T	4	
	BEEM3684	Final Year Project I <i>Projek Tahun Akhir I</i>	T	4	
<b>TOTAL CREDITS THIS SEMESTER</b>				<b>12</b>	
	CODE	SUBJECT	CATEGORY	CREDIT	PRE-REQUISITE
SHORT SEMESTER	BEEM3696	Final Year Project II <i>Projek Tahun Akhir II</i>	T	6	**BEEM3684
<b>TOTAL CREDITS THIS SEMESTER</b>				<b>6</b>	
SEMESTER 7	BEEL4112	Industrial Training <i>Latihan Industri</i>	T	12	
	<b>TOTAL CREDITS THIS SEMESTER</b>				<b>12</b>
<b>TOTAL CREDITS</b>				<b>122</b>	

\*\* Pre-requisite subject

Number of credit hours regarding to course category is represented in the table below:

G = General component subjects

T = Technology subjects

General	G	16
Technology	T	94
Industrial Training	T	12
		122