

Bachelor of Technology in Electronic Industrial Automation with Honours (BEEL)

	CODE	SUBJECT	CATEGORY	CREDIT	PRE-REQUISITE
SEMESTER 1	BEEL1112	Technology Skill and Development in Electronic Automation I <i>Kemahiran Teknologi dan Pembangunan Automasi Elektronik I</i>	T	2	
	BEEL1125	Product Development Technology <i>Teknologi Pembangunan Produk</i>	T	5	
	BEEL1135	Flexible Manufacturing System I <i>Sistem Pembuatan Fleksibel I</i>	T	5	
	BEEL1142	Technology System Programming I <i>Pengaturcaraan Sistem Teknologi I</i>	T	2	
	BLHW 1762	Philosophy and Current Issues <i>Falsafah & Isu Semasa</i>	G	2	
	BTMU 1112	Basic Entrepreneurship <i>Asas Keusahawanan</i>	G	2	
	BLHW1442	English for Academic Purpose <i>Bahasa Inggeris untuk Tujuan Umum</i>	G	2	
	TOTAL CREDITS THIS SEMESTER				20
SEMESTER 2	BEEL1214	Technology Skill and Development in Electronic Automation II <i>Kemahiran Teknologi dan Pembangunan Automasi Elektronik II</i>	T	4	**BEEL1112
	BEEL1222	Network, Switching and Routing <i>Rangkaian, Pensuisan dan Penghalaan</i>	T	2	
	BEEL1234	Technology System Programming II <i>Pengaturcaraan Sistem Teknologi II</i>	T	4	**BEEL1142
	BEEL1243	Professional Practices <i>Amalan Profesional</i>	T	3	
	BLHL1212	Third Language <i>Bahasa Ketiga</i>	G	2	
	BLHW2452	Academic Writing <i>Penulisan Akademik</i>	G	2	
TOTAL CREDITS THIS SEMESTER				17	
	CODE	SUBJECT	CATEGORY	CREDIT	PRE-REQUISITE
SEMESTER 3	BEEL2112	Technology Data Acquisition and Analysis I <i>Teknologi Capaian Data dan Analisis I</i>	T	2	
	BEEL2125	Flexible Manufacturing System II <i>Sistem Pembuatan Fleksibel II</i>	T	5	**BEEL1135
	BEEL2135	Embedded System Programming Tool <i>Peralatan Pengaturcaraan Sistem Terbenam</i>	T	5	
	BEEL2143	Network Security Implementation <i>Implementasi Rangkaian Keselamatan</i>	T	3	
	BLHW 2772	Appreciation of Ethics and Civilisations <i>Penghayatan Etika & Peradaban</i>	G	2	
	BKKM1561	Co-Curricular Activity I <i>Ko-kurikulum I</i>	G	1	
TOTAL CREDITS THIS SEMESTER				18	

SEMESTER 4	BEEL2214	Technology Data Acquisition and Analysis II <i>Teknologi Capaian Data dan Analisis II</i>	T	4	**BEEL2112
	BEEL2222	Technology System Optimization I <i>Pengoptimuman Sistem Teknologi I</i>	T	2	
	BEEL2232	Application System Development I <i>Pembangunan Sistem Aplikasi I</i>	T	2	
	BEEL2244	Technology Operation Management <i>Pengurusan Operasi Teknologi</i>	T	4	
	BEEL2254	Technopreneur Capstone I <i>Teknopreneur Capstone I</i>	T	4	
BKKC1631	Co-Curricular Activity II <i>Ko-kurikulum II</i>	G	1		
TOTAL CREDITS THIS SEMESTER				17	
	CODE	SUBJECT	CATEGORY	CREDIT	PRE-REQUISITE
SEMESTER 5	BEEL3114	Technology System Optimization II <i>Pengoptimuman Sistem Teknologi II</i>	T	4	**BEEL2222
	BEEL3124	Application System Development II <i>Pembangunan Sistem Aplikasi II</i>	T	4	**BEEL2232
	BEEL3134	Technology Quality Management <i>Pengurusan Kualiti Teknologi</i>	T	4	
	BEEL3144	Technopreneur Capstone II <i>Teknopreneur Capstone II</i>	T	4	**BEEL2254
	BLHW3462	English for Technical Communication <i>Bahasa Inggeris untuk Komunikasi Teknikal</i>	G	2	
TOTAL CREDITS THIS SEMESTER				18	
SEMESTER 6	BEEL3215	System Integration Designing <i>Rekabentuk Sistem Integrasi</i>	T	5	
	BEEL3225	Maintenance Management System <i>Sistem Pengurusan Penyelenggaraan</i>	T (elective)	5	
	BEEL3234	Final Year Project I <i>Projek Tahun Akhir I</i>	T	4	
TOTAL CREDITS THIS SEMESTER				14	
	CODE	SUBJECT	CATEGORY	CREDIT	PRE-REQUISITE
SHORT SEMESTER	BEEL3316	Final Year Project II <i>Projek Tahun Akhir II</i>	T	6	**BEEL3234
TOTAL CREDITS THIS SEMESTER				6	
SEMESTER 7	BEEL4112	Industrial Training <i>Latihan Industri</i>	T	12	
	TOTAL CREDITS THIS SEMESTER				12
TOTAL CREDITS				122	

** 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	89
Electrive	T	5
Industrial Training	T	12
		122