

Bachelor of Electronics Engineering Technology (Telecommunications) with Honours (BEET)

	CODE	SUBJECT	CATEGORY	CREDIT	PRE-REQUISITE	
SEMESTER 1	BEEU 1013	Matematik Teknikal <i>Technical Mathematics</i>	P	3		
	BEEE 1013	Fizik Teknikal <i>Technical Physics</i>	P	3		
	BEEI 1303	Pengenalan Litar Elektrik <i>Electrical Circuit Fundamental</i>	K	3		
	BEEE 1303	Bengkel Kejuruteraan I <i>Engineering Workshop I</i>	K	3		
	BLHW 1142	Bahasa Inggeris untuk Akademik <i>English for Academic Purposes</i>	W	2		
	BIPW 1132	Falsafah dan Isu-isu Semasa <i>Philosophy and Current Issues</i>	W	2		
	BKKX XXX1	Kokurikulum I <i>Cocurriculum I</i>	W	1		
	TOTAL CREDITS THIS SEMESTER				17	
	SEMESTER 2	BEEU 1023	Kalkulus untuk Teknologi <i>Calculus for Technology</i>	P	3	
BEEC 1313		Asas Pengaturcaraan <i>Programming Fundamental</i>	K	3		
BEEE 1313		Bengkel Kejuruteraan II <i>Engineering Workshop II</i>	K	3		
**BEEI 1333		Litar Elektrik Lanjutan <i>Advanced Electrical Circuit</i>	K	3	BEEI 1303	
BEEE 1323		Pengenalan Elektronik <i>Electronic Fundamentals</i>	K	3		
BEEE 2373		Teknologi Elektrik <i>Electrical Technology</i>	K	3		
BIPW 2132		Penghayatan Etika dan Peradaban (untuk pelajar tempatan) <i>Appreciation of Ethics and Civilisation</i> (for local students)	W	2		
TOTAL CREDITS THIS SEMESTER						
LOCAL STUDENT				20		
INTERNATIONAL STUDENT				20		
	CODE	SUBJECT	CATEGORY	CREDIT	PRE-REQUISITE	
SEMESTER 3	BEEU 2033	Kalkulus Lanjutan untuk Teknologi <i>Advanced Calculus for Technology</i>	P	3		
	**BEEE 2333	Peranti Elektronik Analog <i>Analogue Electronic Devices</i>	K	3	BEEE 1323	
	BEEC 2404	Elektronik Digital <i>Digital Electronic</i>	K	4		
	BEEE 2364	Prinsip Kawalan <i>Control Principles</i>	K	4		
	BEET 2313	Isyarat & Sistem Berterusan <i>Continuous Signal & System</i>	K	3		
	BLLW 2152	Penulisan Akademik <i>Academic Writing</i>	W	2		
	TOTAL CREDITS THIS SEMESTER				19	

SEMESTER 4	BEEU 2043	Kaedah Statistik <i>Statistical Methods</i>	P	3	
	BEEE 2354	Sistem Elektronik <i>Electronic Systems</i>	K	4	
	BEET 2324	Komunikasi & Rangkaian Data <i>Data Communication & Networking</i>	K	4	
	BEET 2333	Prinsip Komunikasi <i>Communication Principle</i>	K	3	
	BEET 2343	Isyarat & Sistem Diskrit <i>Discrete Signal & System</i>	K	3	
	BIPW 3112	Pemikiran Kritis dan Kreatif (untuk pelajar tempatan) <i>Critical and Creative Thinking</i> (for local students)	W	2	
	BIPW 2122	Kebudayaan Malaysia (untuk pelajar antarabangsa) <i>Malaysian Culture</i> (for international students)	W	2	
	BKKX XXX1	Kokurikulum II <i>Cocurriculum II</i>	W	1	
TOTAL CREDITS THIS SEMESTER					
LOCAL STUDENT				20	
INTERNATIONAL STUDENT				20	
	CODE	SUBJECT	CATEGORY	CREDIT	PRE-REQUISITE
SEMESTER 5	BEET 3353	Sistem Telekomunikasi <i>Telecommunication System</i>	K	3	
	BEEC 3483	Asas Mikropemproses & Mikropengawal <i>Fundamental of Microprocessor & Microcontroller</i>	K	3	
	BEET 3363	Elektronik Telekomunikasi <i>Telecommunication Electronic</i>	K	3	
	BEET 3373	Pemprosesan Isyarat Digital <i>Digital Signal Processing</i>	K	3	
	BEET 3383	Elektromagnetik <i>Electromagnetic</i>	K	3	
	BTMW 4012	Keusahawanan Teknologi <i>Technology Entrepreneurship</i>	W	2	
	BLLW 3162	Bahasa Inggeris untuk Interaksi Profesional <i>English for Professional Interaction</i>	W	2	
	TOTAL CREDITS THIS SEMESTER				19
SEMESTER 6	**BEET 3403	Komunikasi Digital <i>Digital Communication</i>	K	3	BEET 2333
	BEEE 4443	Pengurusan Kualiti <i>Quality Management</i>	K	3	
	BEET 3393	Sistem Pensuisan Telekomunikasi <i>Telecommunication Switching System</i>	K	3	
	BEEU 3764	Projek Sarjana Muda I <i>Bachelor Degree Project I</i>	K	4	
	BEET 3414	Teknik FR & Gelombang Mikro <i>RF Technique & Microwave</i>	K	4	
	BLLW 1XX2	Bahasa Ketiga <i>Third Language</i>	W	2	
TOTAL CREDITS THIS SEMESTER				19	

	CODE	SUBJECT	CATEGORY	CREDIT	PRE-REQUISITE
SEMESTER 7	BEEU 4053	Etika Kejuruteraan & KKPP <i>Engineering Ethics & OSHE</i>	P	3	
	**BEEU 4774	Projek Sarjana Muda II <i>Bachelor Degree Project II</i>	K	4	BEEU 3764
	*BEET 48X3	Elektif I <i>Elective I</i>	E	3	
	*BEET 48X3	Elektif II <i>Elective II</i>	E	3	
	*BEET 48X3	Elektif III <i>Elective III</i>	E	3	
	***BIPW XXX2	Elektif Umum <i>General Elective</i>	E	2	
TOTAL CREDITS THIS SEMESTER				18	
SEMESTER 8	BEEU 4786	Latihan Industri <i>Industrial Training</i>	K	6	
	BEEU 4796	Laporan Latihan Industri <i>Industrial Training Report</i>	K	6	
TOTAL CREDITS THIS SEMESTER				12	
TOTAL CREDITS				144	

** Pre-requisite subject

* For Elective I, II and III students may choose any THREE (3) subjects from the list below:

NO.	CODE	SUBJECT
1	BEET 4803	Komunikasi Satelit <i>Satellite Communication</i>
2	BEET 4813	Komunikasi Mudah Alih <i>Mobile Communication</i>
3	BEET 4823	Komunikasi Optik & Opto Elektronik <i>Optical Communications & Optoelectronic</i>
4	BEET 4833	Kejuruteraan Antena <i>Antenna Engineering</i>

*** For General elective, students may choose any ONE (1) subject from the list below:

CODE	SUBJECT NAME
BIPW 1142	Falsafah Sains dan Teknologi <i>Philosophy of Science and Technology</i>
BIPW 4112	Komunikasi Organisasi <i>Organizational Communication</i>
BIPW 1152	Psikologi Industri dan Organisasi <i>Industrial and Organizational Psychology</i>
BIPW 4122	Kemahiran Perundingan <i>Negotiation Skills</i>
BIPW 2142	Sosiologi Industri <i>Industrial Sociology</i>

For Professional Certificate Course, student may choose any ONE (1) certificate from the list below:

CODE	CERTIFICATE NAME
BEET 3100	Cisco Certified Network Associate Routing & Switching (Preparation)
BEEC 2210	IoT Fundamentals: Connecting Things Professional Certification
BEEC 2220	IoT Fundamentals: Big Data & Analytics Professional Certification
BEEE 3210	Programmable Logic Controller (PLC) Level 1 and Level 2
BEEE 4210	SMCT MT1 – Practical Mechatronics 1

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

W = University compulsory subjects

P = Program core subjects

K = Course core subjects

E = Elective subjects

Programme P	P	18
Course K	K	85
University Compulsory	W	18
Industrial Training	K	12
Elective	E	11
		144