



PROGRAMME DESCRIPTION

The program, Bachelor of Electrical and Electronics Engineering Technology with Honours provides the students with the required skills and knowledge and is aptly suited for those individuals, who are willing to pursue a career in the engineering field or engineering sector. It also offers the students the opportunity to acquire an understanding of the fundamental knowledge in Electrical and Electronics as well as its diverse areas of study.

PROGRAMME AIM

We aim to help the students to enhance their skills necessary for analyzing, managing and resolving problems related to Engineering Technology in the field of Electrical and Electronics. We also focus on the development of analytical and critical thinking skills of the students, so that they are able to prove their competency in their professional field of work.

PROGRAMME DURATION

Full Time : 48 Months
Part Time : 72 Months

INTAKE AND ENTRY REQUIREMENTS

March, July, November

- ▶ Passed Sijil Tinggi Pelajaran Malaysia or equivalent with a minimum of a full pass or grade C in mathematics and one science-related subjects and pass in Sijil Pelajaran Malaysia or equivalent with at least a pass in English; or
- ▶ Passed Diploma in Engineering / Technology Engineering in relevant areas of the PPT recognized by the government of Malaysia or equivalent with minimum CGPA 2.0.
- ▶ For international students, test the English as a Foreign Language (TOEFL) score of 500 OR International Bahasa Ingggris Language Testing System (IELTS) score of 5.0 or equivalent is required. If the student does not meet this requirement, the PPT must offer proficiency courses in English to ensure student mastery is sufficient to meet the program requirements. This is usually done through the evaluation process."For international students, test the English as a Foreign Language (TOEFL) score of 500 OR International Bahasa Ingggris Language Testing System (IELTS) score of 5.0 or equivalent is required. If the student does not meet this requirement, the PPT must offer proficiency courses in English to ensure student mastery is sufficient to meet the program requirements. This is usually done through evaluation process.

LIST OF COURSE/MODULE OFFERED IN THE PROGRAMME

S.No	Subject
1	Engineering Mathematics 1
2	Thermodynamics
3	Engineering Drawing
4	English
5	Philosophy and Current issues course (Local Students) Malay Language Communication 2 (International Students)

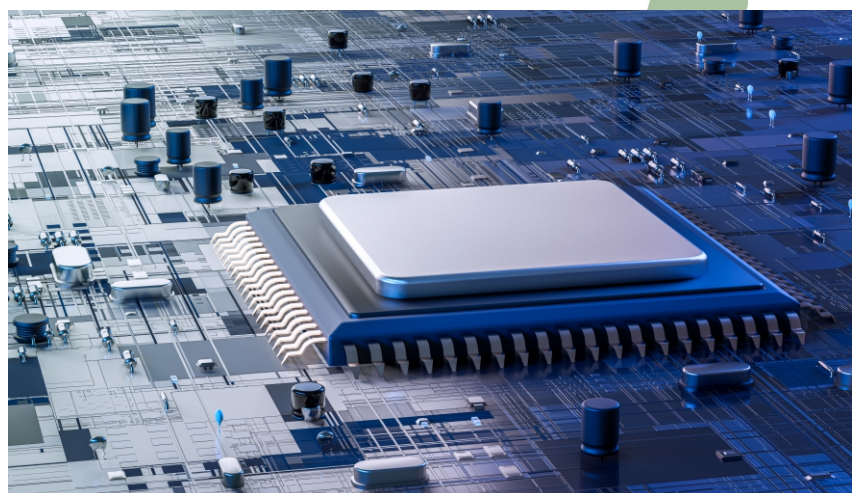
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6	Engineering Mathematics 2
7	Basic Computer Programming
8	Electronics 1
9	Circuit Theory
10	Appreciation of Ethics and Civilizations
11	Electronics 2
12	Measurement and Instrumentation
13	Microprocessor
14	Signal and System
15	Digital Electronics
16	Electric Machine
17	Probability and Statistics
18	Leadership Skills and Human Relations
19	Malaysian Government and Public Policy
20	Control System
21	Electromagnetic Theory
22	Microcontroller
23	Digital Signal Processing
24	Power System
25	Community Service
26	Data Communication and Networking
27	Power Electronics
28	Public Speaking
29	VLSI Circuit Design
30	Communication System
31	Electric Power Distribution
32	Power System Protection
33	Optoelectronics

34	Research Methodology
35	Safety and Health for Engineers
36	Project Management
37	Automation and Robotics
38	Power Quality
39	Design Project
Elective 1 (Choose any one module from the following):	
40	Renewable Energy System
	Advanced Power System Analysis
	Electrical Energy Conversion Technologies
	Energy Efficient and Management
41	Entrepreneurship Development
42	Power System Operation and Control
43	Artificial Intelligence
44	Final Year Project
Elective 1 (Choose any one module from the following):	
45	Modern Control System
	Embedded Systems
	Image Processing
	Industrial Automation
46	Industrial Training



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