



PROGRAMME DESCRIPTION

The program, Bachelor of Engineering Technology (Hons) in Electrical and Electronics provides the students with the various 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 scientific knowledge in Electrical and Electronics as well as its diverse areas of study.

PROGRAMME AIM

The programme 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 and fulfill their professional demands in highly competitive global market with confidence, outstanding ethical and moral values.

PROGRAMME DURATION

Minimum Duration : **48 Months.**
Maximum Duration : **72 Months.**

INTAKE AND ENTRY REQUIREMENTS

1. January. 2. May. 3. September.

- ▶ Pass the Malaysian Higher School Certificate or equivalent to a full or minimum pass Grade C (CGPA 2.0) in subjects Mathematics and ONE (1) Science subjects relating AND graduated Malaysian Certificate of Education or equivalent with at least a pass in English; OR
- ▶ Graduate Diploma engineering / Technology Engineering (Level 4 MOH) in areas connection of LUC that recognized by Government of Malaysia or equivalent with a minimum CGPA of 2.0.
- ▶ For international students, TOEFL score of 500 OR IELTS score of 5.0 or equivalent. If the student does not meet the criteria The LUC must offer courses English Language skills to ensure student proficiency sufficient to meet program requirements. This is usually done through the assessment process.

LIST OF COURSE/MODULE OFFERED IN THE PROGRAMME

Year 1 - Semester 1	COURSE NAME	CREDIT HOURS
	Engineering Mathematics 1	3
	Electronics 1	3
	Thermodynamics	3
	English 1	3
	Malaysian Studies	3

Year 1 - Semester 2	COURSE NAME	CREDIT HOURS
	English 2	3
	Circuit Theory	3
	Engineering Mathematics 2	3
	Fluid Mechanics	3
	Optional (any One) Moral Studies / Islamic Studies	3

Year 1 - Semester 3	COURSE NAME	CREDIT HOURS
	Engineering Drawing	3
	Basic Computer Programming	3

Year 2 - Semester 4	COURSE NAME	CREDIT HOURS
	Measurement and Instrumentation	3
	Electronics 2	3
	Probability and Statistics	3
	Microprocessor	3
	Public Speaking	3

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