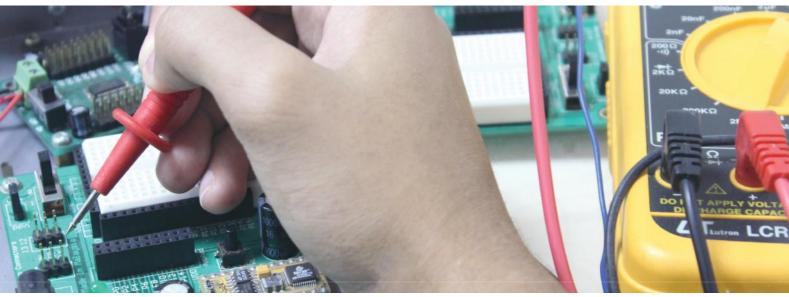
Diploma in Electrical and Electronic Engineering





Programme Structure 🛴



Year 1 Year 2 Year 3

- Mathematics 1
- · Academic Communicative English 1
- Computer Applications
- Mathematics 2
- · Principles of Physics
- Academic Communicative English 2
- · Introduction to Electrical Engineering
- Analogue Electronics
- Dynamics

- · Electrical & Electronics Principles
- · Mathematics 3
- · Programming with MATLAB
- Digital Electronics
- Digital & Analogue Devices & Circuits
- · Electrical Power
- Engineering Mathematics
- Telecommunication Principles
- · Programming Concepts

- · Business Management Techniques
- Control Systems and Automation
- Electrical Machines

Industrial Training

- · Microprocessor and Micro-controller Systems
- Project
- Utilisation of Electrical Energy

PROGRAMME

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→ m ENTRY REQUIREMENTS

Diploma in **Electrical and** Electronic **Engineering**

R2/523/4/0295 10/22 - Pertama

3 Years

Main Intakes January June September

- SPM / SPMV: Pass with a minimum of 3 credits including Mathematics and 1 relevant Science / Technical / Vocational subject and a pass in English; OR
- UEC: Pass with minimum Grade B in 3 subjects including Mathematics and 1 relevant Science / Technical / Vocational subject and a pass in English; OR
- 3. O-Level: Pass with minimum Grade C in 3 subjects including Mathematics and 1 relevant Science / Technical / Vocational subject and a pass in English; OR
- Pass in a recognized ceritificate programme from polytechnics or from Pertama Institite of Technology or its equivalent with provisional accreditation; OR
- Other equivalent qualifications recognised by the Malaysian Government.

Candidates without a credit in Mathematics at SPM level or its equivalent may be admitted if the Certificate programme contains subjects in Mathematics that are equivalent to Mathematics at SPM level.

Students international must pass:

- a) IFI TS Band 5, OR
- b) TOEFL with a minimum score of 500, OR
- c) Pass English in Cambridge/Edexcel GCE A Level, OR
- d) MUET Band 3.

CAREER PROSPECTS

Graduates from this programme may venture to be electrical and electronic engineering technicians in various industries such as manufacturing, sales, construction, inspection and maintenance

