

Diploma in Electrical and Electronic Engineering



Programme Structure

Year 1	Year 2	Year 3
<ul style="list-style-type: none"> Mathematics 1 Academic Communicative English 1 Computer Applications Mathematics 2 Principles of Physics Academic Communicative English 2 Introduction to Electrical Engineering Analogue Electronics Dynamics 	<ul style="list-style-type: none"> Electrical & Electronics Principles Mathematics 3 Programming with MATLAB Digital Electronics Digital & Analogue Devices & Circuits Electrical Power Engineering Mathematics Telecommunication Principles Programming Concepts 	<ul style="list-style-type: none"> Industrial Training Business Management Techniques Control Systems and Automation Electrical Machines Microprocessor and Micro-controller Systems Project Utilisation of Electrical Energy

PROGRAMME



DURATION



ENTRY REQUIREMENTS

Diploma in Electrical and Electronic Engineering

R2/523/4/0295
(A8430)
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
- 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 certificate programme from polytechnics or from Pertama Institute 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.
AND

Students international must pass:

- IELTS Band 5, OR
- TOEFL with a minimum score of 500, OR
- Pass English in Cambridge/Edexcel GCE A Level, OR
- 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.

