

# Diploma in Electrical and Electronic Engineering



## Programme Structure

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

## 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.

