

# 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

R2/523/4/0225  
(A11009)  
02/20 - Linton

### 3 Years

Main Intakes  
April  
August  
December

- SPM / SPMV / O-Level:** Pass with minimum 3 credits / Grade C including Mathematics and 1 relevant Science/ Technical/ Vocational subject and pass in English; or
- UEC:** Pass with minimum Grade B in 3 subjects including Mathematics and 1 relevant Science/ Technical/ Vocational subject and pass in English; or
- A recognized certificate in Engineering / Engineering Technology (Level 3 MQF) in relevant field; or
- A recognized related Vocational and Technical / Skills certificate (Level 3 MQF) in relevant field with one year of relevant work experience or a minimum of one semester of a bridging programme.
- Other equivalent qualifications recognised by the Malaysian Government.

**\*(Candidates without a credit in Mathematics in SPM/equivalent may be considered for admission into this programme if the certificate programme contains subjects that are equivalent to SPM Mathematics) and.**

International students must pass:

- IELTS minimum Band 5.0; or
- TOEFL with minimum score of 500; or
- Cambridge/Edexcel GCE A-Level; or
- MUET minimum 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.

