

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

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

3 Years

Main Intakes
April
August
December

1. **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
2. **UEC:** Pass with minimum Grade B in 3 subjects including Mathematics and 1 relevant Science/ Technical/ Vocational subject and pass in English; or
3. A recognized certificate in Engineering / Engineering Technology (Level 3 MQF) in relevant field; or
4. 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.
5. 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:

- a) IELTS minimum Band 5.0; or
- b) TOEFL with minimum score of 500; or
- c) Cambridge/Edexcel GCE A-Level; or
- d) 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.

