

# Diploma in Mechanical Engineering



## Programme Structure

| Year 1                                                                                                                                                                                                                                                                                                                                                                                     | Year 2                                                                                                                                                                                                                                                                                                                                                                                               |
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| <ul style="list-style-type: none"> <li>• Academic Communicative English 1</li> <li>• Mathematics 1</li> <li>• Computer Applications</li> <li>• Principles of Physics</li> <li>• Academic Communicative English 2</li> <li>• Mathematics 2</li> <li>• Statics</li> <li>• Programming with MATLAB</li> <li>• Materials Science</li> <li>• Engineering Drawing</li> <li>• Dynamics</li> </ul> | <ul style="list-style-type: none"> <li>• Advanced Computer Aided Design Techniques</li> <li>• Mathematics 3</li> <li>• Mechanical Engineering Principles</li> <li>• Materials Engineering</li> <li>• Workshop Practice</li> <li>• Programmable Logic Controllers</li> <li>• Fluid Mechanics</li> <li>• Engineering Mathematics</li> <li>• Manufacturing Process</li> <li>• Thermodynamics</li> </ul> |

## PROGRAMME



## DURATION



## ENTRY REQUIREMENTS

### Diploma in Mechanical Engineering

R/521/4/0097 (A11010)  
02/20 - Linton

### 3 Years

Main Intakes  
April, August  
December  
(Linton)

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) MUET minimum Band 3; or
- d) Cambridge/Edexcel GCE A-Level.

### CAREER PROSPECTS

Graduates are qualified to be mechanical engineering technicians in various industries such as manufacturing, sales, construction, inspection and maintenance, etc.

