

Bachelor of Science (Honours) in Mechanical Engineering



Programme Structure

Year 1	Year 2	Year 3
<ul style="list-style-type: none"> Academic Skills Statics Engineering Mathematics 1 Engineering Drawing Circuit Theory 1 Engineering Mathematics 2 Dynamics Workshop Technology Economics Analysis for Decision Making Engineering Thermodynamics 1 Materials Science and Engineering 	<ul style="list-style-type: none"> Engineering Mathematics 3 Fluid Mechanics 1 Manufacturing Process Computer Programming Mechanics of Materials 1 Professional Ethics Fundamentals of Engineering Design Metrology Numerical Methods and Statistics Theory of Machines Design of Machine Elements Control Systems Heat Transfer and Combustion 	<ul style="list-style-type: none"> Project Engineering Project Management Fluid Mechanics 2 Engineering Thermodynamics 2 Finite Element Analysis Mechanics of Materials 2 Industry Safety Refrigeration and Air Conditioning Systems Computer Aided Engineering Engineers in Society Industry Engineering Engineering and Metallurgy Fundamentals of Vibration Elective Module-Operation Management

PROGRAMME

DURATION

ENTRY REQUIREMENTS

Bachelor of Science (Honours) in Mechanical Engineering

N/521/6/0015 (FA0410) 04/21
- Linton

3.5 Years

Main Intakes
January, May
and September
(Linton)

- STPM / A-Level** or its equivalent: Pass STPM or its equivalent with minimum Grade C (GP 2.00) in 3 subjects including Mathematics and 1 relevant Science subject; OR
- UEC:** Pass UEC with minimum Grade B in 5 subjects including Mathematics and 1 relevant Science; OR
- Matriculation/ Foundation or its equivalent:** Pass Matriculation / Foundation with minimum CGPA of 2.00; OR
- Diploma in Engineering / Engineering Technology** or its equivalent: Minimum CGPA of 2.00; OR
- Diploma in Vocational and Technical / Skills** in the related field: Minimum CGPA of 2.00; OR
- Other equivalent qualifications recognized by Malaysian Government.

AND

International students must pass:

- IELTS Band 5; OR
- TOEFL with a minimum score of 550; OR
- Pass English in Cambridge/ Edexcel GCE A level.
- Past MUET Band 3.
- Credits in Bahasa Inggeris in SPM level.

CAREER PROSPECTS

Mechanical Engineer, Quality Engineer, Design Engineer, R&D Engineer, Production Engineer, Industrial Engineer or Academician



As stated in the Circular from Ministry of Education No. 2/2013 with reference number JPT/GS1000-606Jld.1(25), all new students who enrol into any programme in any private institution after 01 September 2013 are required to complete and pass all the required General Studies Modules / Mata Pelajaran Umum (MPU).