Students are provided with foundation skills needed to conceive and produce the moving parts, components and machinery in every aspect of manufacturing. They will be equipped with broad-based mechanical engineering knowledge in both theoretical and practical aspects. This programme covers a comprehensive range of courses in mechanical engineering.

**Highlights**
- Recognised by Singapore Institute of Engineering Technologist, Singapore**
- Well recognised by UK and Australian Universities
- Soft skills and internships provide students with transferable skills and working experience

**Career opportunities**
Mechanical Engineer Assistant, Automotive Engineer Assistant, Application Engineer Assistant, Sales Engineer Assistant, Mould Design Assistant, Process Technician, Maintenance Technician, QA / QC Assistant

**Duration**
2.5 Years

**Offered at**
INTI International University
KPT/IPS(A10007)/03/2019

**INTAKES: JAN, MAY & AUG**

**Programme structure**

**Level 1**
- Circuit Theory
- Engineering Drawing
- Engineering Dynamics
- Engineering Statics
- English Communication Skills
- Mathematics 1
- Mathematics 2
- Mathematics 3
- Mechanics of Engineering Materials
- Physics
- Programme Logic Formulation
- Structure & Properties of Materials

**Level 2**
- Communicative Foreign Language
- Engineering Drawing 2 – Mechanical Engineering
- Engineering Thermodynamics
- Fluid Mechanics
- Introduction to Control Systems
- Mechanics of Machines
- Professional Development
- Project – Mechanical Engineering
- Workshop Technology & Workshop Practice

**Internship**

**MPU subjects**
- Community Service & Co-curriculum
- Critical Thinking for Better Communication
- Bahasa Kebangsaan A*
- Malaysian Studies 2 (Local students) / Communication in Malay 1B (International Students)
- Personal Financial Planning

*For Malaysian students who do not have a credit in SPM BM.
**Only available at Nilai campus.
Sample programme structure

- Electrical Power & Machines
- Engineering Drawing
- Engineering Drawing 2 – Mechanical Engineering
- Engineering Dynamics
- Engineering Mathematics 1
- Engineering Mathematics 2
- Engineering Mathematics 3
- Engineering Statics
- Engineering Thermodynamics 1
- Engineering Thermodynamics 2
- Fluid Mechanics 1
- Fluid Mechanics 2
- Machine Components Design
- Mechanics of Engineering Materials
- Mechanics of Machines
- Physics
- Programme Logic Formulation
- Professional Development
- Project – Mechanical Engineering
- Structure & Properties of Materials
- Technical English
- Workshop Technology & Workshop Practice

MPU subjects

- Community Service & Co-curriculum
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For more information, please click here.