

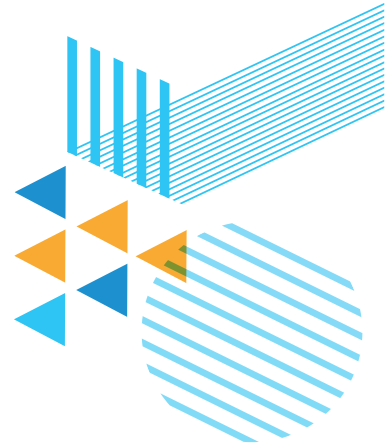
PROGRAMME DETAILS

Programme Code: R/010/3/0280 (A10601) 08/19

Duration: 1 Year

Main Intakes: January, May and September

Awarding Body: Institut Teknologi Pertama



PROGRAMME OVERVIEW

This programme provides opportunity for students to acquire the basic principles in engineering and prepares them to pursue an undergraduate degree programme in the field. It serves as a platform for students to develop their learning skills and acquire relevant knowledge in the field of engineering science.

ENTRY REQUIREMENTS

1. SPM / SPMV:
Pass with a minimum of 5 credits including Mathematics and 1 relevant Science subject and a pass in English; OR
2. UEC:
Pass with minimum Grade B in 3 subjects including Mathematics and 1 relevant Science subject and a pass in English; OR
3. O-Level:
Pass or its equivalent with minimum Grade C in 5 subjects including Mathematics and 1 relevant Science subject and a pass in English; OR
4. Other equivalent qualifications recognized by the Malaysian Government.

AND

Students must pass:

- a) IELTS with a minimum band of 5.0; OR
- b) TOEFL with a minimum score of 500; OR
- c) Pass in English (O-Level or equivalent to SPM 1119); OR
- d) Band 5.0 in IELTS Equivalent Test conducted by Institut Teknologi Pertama.



Programme Structure

Year 1

- Academic Communicative English 1
- Mathematics 1
- Computer Applications
- Principles of Physics
- Study Skills
- Academic Communicative English 2
- Critical Thinking
- Introduction to Programming
- Introduction to Engineering
- Mathematics 2
- Statics
- Engineering Drawing
- Technical English
- Statistics & Probability
- Materials Science
- Dynamics
- Co-curriculum

