

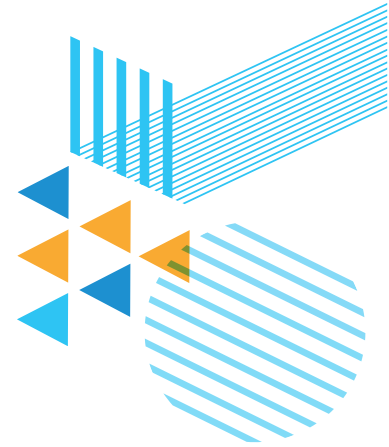
PROGRAMME DETAILS:

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 course 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 SPM with minimum 5 credits in any subjects including Mathematics and 1 relevant Science subject; OR

2. UEC:

Pass UEC with minimum Grade B in any 3 subjects including Mathematics and 1 relevant Science subject; OR

3. O-Level:

Pass O-Level with minimum Grade C in any 5 subjects including Mathematics and 1 relevant Science subject; OR

4. Other equivalent qualifications recognized by 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 Cambridge English/ Edexcel 'A' Level; OR

d) Pass in English (O-Level or equivalent to SPM 1119).



Programme Structure

Year 1

- Academic and Communicative English 1
- Mathematics 1
- Computer Applications
- Principles of Physics
- Study Skills
- Academic and 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

