

PROGRAMME DETAILS:

Programme Code: R/526/4/0016 (A8429) 10/17

Duration: 3 Years

Main Intakes: January, June and September

Awarding Body: Institut Teknologi Pertama

CAREER PROSPECTS:

Graduates from this programme may venture into careers such as Project Supervisor, Project Executive, Technical Officer, Technical Specialist, Technical Assistant, Draughtsman, Field Engineer, Construction Sales

PROGRAMME OVERVIEW

This programme develops the knowledge needed to succeed in civil engineering, incorporating the necessary analytical, industrial, laboratory, and fieldwork skills. It offers good employment prospects in and out of Malaysia. Graduates may either choose to further their studies at degree level or seek employment as engineering supervisors working for contractors, architects or local authorities, or in the fields of construction, property management or consultancy.

In line with the university's belief in cultivating practical knowledge, graduates are expected to participate in a range of group projects throughout the three year programme.

ENTRY REQUIREMENTS

1. SPM / SPMV:

Pass SPM with minimum 3 credits in any subjects including Mathematics and any 1 relevant Science / Technical / Vocational subject and a pass in English; OR

2. UEC:

Pass UEC with minimum Grade B in any 3 subjects including Mathematics and any 1 relevant Science / Technical / Vocational subject and a pass in English; OR

3. O-Level or its equivalent:

Pass O-Level with minimum Grade C in any 3 subjects including Mathematics and any 1 relevant Science / Technical / Vocational subject and a pass in English; OR

4. Certificate in Vocational and Technical / Skill or its equivalent with Level 3, MQF:

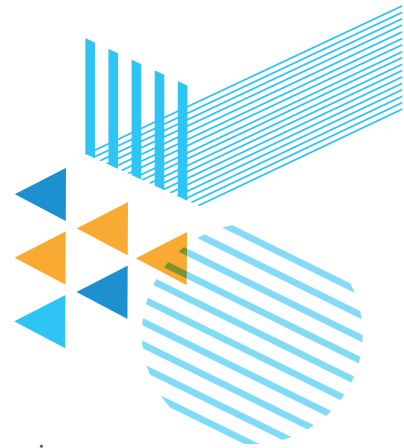
Pass Certificate in Vocational and Technical / Skill or its equivalent, Level 3 in MQF, with minimum CGPA of 2.00 with 1 year experience in related field or 1 semester of enhanced programme; OR

5. Certificate in Engineering / Engineering Technology (Level 3, MQF):

Pass Certificate in Engineering / Engineering Technology, Level 3 in MQF, with minimum CGPA of 2.00; OR

6. Other equivalent qualifications recognized by Malaysian Government.

If the student does not meet this requirement, English proficiency course will be offered to ensure that the student's proficiency is sufficient to meet the needs of the programme. This is normally conducted through an assessment process.



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	Year 2	Year 3
<ul style="list-style-type: none">• Academic Communicative English 1• Mathematics 1• Computer Applications• Academic Communicative English 2• Mathematics 2• Technical Drawing• Principles of Physics• Applied Mechanics	<ul style="list-style-type: none">• Science and Materials• Site Surveying Procedures• Structural Analysis & Design• Engineering Mathematics• Civil Engineering Construction• Health, Safety & Welfare• Geotechnical Engineering• Law & Contract	<ul style="list-style-type: none">• Project Management• Water & Wastewater Engineering• Steel Design• Environmental Science• Advance Structural Analysis and Design• Fluids and Hydraulics• Highway & Traffic Engineering• Project

As stated in the Circular from Ministry of Education No. 2/2013 with reference number JPT/GS1000-606Jld.1(25), all new students who enroll 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).

