

### PROGRAMME DETAILS:

Programme Code: R2/581/4/0011 (A3727) 02/22

Duration: 3 Years

Main Intakes: January, June and September

Awarding Body: Institut Teknologi Pertama

### CAREER PROSPECTS:

Career opportunities exist in property development, mine-filled housing developments, as an academic staff or in government architectural departments. Specific professions would include being an architectural & structural draughtsman, technical assistant, site supervisor, or assistant architect.

### PROGRAMME OVERVIEW

This programme provides students with the necessary contemporary theoretical, practical and technical knowledge, skills and techniques that are required for the design documentation of buildings and the administration of building construction. Throughout the programme students will be constantly involved in design projects, ranging from open-ended architectural speculation to the preparation of production information drawings, while also gaining knowledge in legal, contractual and management issues of the architectural practice.

### ENTRY REQUIREMENTS

1. SPM / SPMV:

Pass SPM with minimum 3 credits in any subjects including Mathematics; OR

2. UEC:

Pass UEC with minimum Grade B in any 3 subjects including Mathematics; OR

3. O-Level:

Pass O-Level with minimum Grade C in any 3 subjects including Mathematics; OR

4. SKM Level 3 in relevant field:

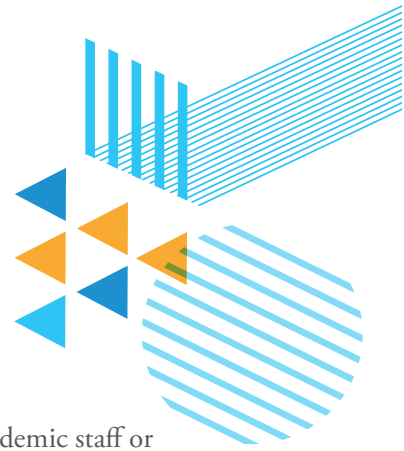
Pass SKM, Level 3 in MQF in related field; and a pass at SPM with a minimum credit in any subject and a pass in Mathematics or a pass at SPM with a minimum credit in any subject and a pass in Enhanced Mathematics (for those candidates failed in Mathematics at SPM); OR

5. Certificate College Community:

Pass Certificate College Community or its equivalent with Level 3, MQF in related field and a pass at SPM with a minimum credit in any subject and a pass in Mathematics at SPM; or a pass at SPM with a minimum credit in any subject and a pass in Enhanced Mathematics (for those candidates failed in Mathematics at SPM); OR

6. Certificate, level 3 in MQF in relevant field:

Pass Certificate, Level 3 in MQF, in related field with minimum CGPA of 2.00 and a pass in Mathematics at SPM; OR



7. STPM or its equivalent:

Pass STPM or its equivalent with minimum Grade C (GP 2.00) in any subject with a credit in Mathematics at SPM or Grade C (GP 2.00) at STPM; OR

8. STAM (Grade Maqbul):

Pass STAM with grade Maqbul with a credit in Mathematics at SPM; OR

9. 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	Year 2	Year 3
<ul style="list-style-type: none"><li>• Introduction to Built Environment</li><li>• Architectural Design Communication 1</li><li>• Introduction to Construction Technology</li><li>• Materials in Construction</li><li>• Building Construction 1</li><li>• Architectural Design Communication 2</li><li>• Working Drawing</li><li>• Principles of Architectural Design</li><li>• Building Services 1</li></ul>	<ul style="list-style-type: none"><li>• Architectural Design Theory</li><li>• Introduction to Computer Aided Design</li><li>• Architectural Project 1 (Residential Building)</li><li>• Structure</li><li>• Building Services 2</li><li>• Computer Aided Design (CAD)</li><li>• Architectural Project 2 (Public Building)</li><li>• History of Eastern Architecture</li><li>• Building Construction 2</li></ul>	<ul style="list-style-type: none"><li>• History of Western Architecture</li><li>• Environmental Science</li><li>• Architectural Project 3 (Medium Rise or Span Building)</li><li>• Health, Safety &amp; Welfare</li><li>• Building Construction 3</li><li>• Architectural Project 4 (Thesis)</li><li>• Practical Training</li></ul>

*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).*

