Students will gain knowledge of various civil engineering fields, such as structural analysis & design, material engineering, geotechnical & soil mechanics, hydraulics & hydrology in water engineering, highway & traffic engineering, as well as exposure to construction project management, contracts and estimating of costs.

We also provide soft skills training as well as internships at reputable civil engineering-based companies, and classroom learning with reference to industrial-related projects.

The programme has been granted accreditation by the Malaysian Qualifications Agency (MQA) in 2011, and accreditation by the Engineering Accreditation Council (EAC) in 2012.

**Highlights**

- Students will receive an additional certificate of recognition from Coventry University, UK
- The programme receives full accreditation by the Engineering Accreditation Council (EAC) Malaysia under the Washington Accord.

The Washington Accord, signed in 1989, is an international agreement among bodies responsible for accrediting engineering degree programs. It recognizes the substantial equivalency of programs accredited by those bodies and recommends that graduates of programs accredited by any of the signatory bodies be recognized by the other bodies as having met the academic requirements for entry to the practice of engineering, normally of four years duration. Washington Accord Signatories have full rights of participation in the Accord; qualifications accredited or recognized by other signatories are recognized by each signatory as being substantially equivalent to accredited or recognized qualifications within its own jurisdiction.

- Course incorporates the needs of industries
- Industrial lectures by leaders of the engineering industry
- Soft skills and internships to provide students with transferable skills and working experience
- Recognized by Board of Engineers Malaysia
- Recognised by Singapore Institute of Engineering Technologist, Singapore

**Career opportunities**

Consulting Engineer, Design Engineer, Research or Development Engineer, Project Manager, Risk Analyst, Contractor, Developer, Civil Engineering Product Specialist, Government Civil Service, University Lecturer & Professor

**Offered at**

INTI International University
KPT/IPS/AD/73100/06/2018

**INTAKES: JAN, MAY & AUG**

**Duration**

4 Years

*For Malaysian students who do not have a credit in SPM BM.
**Offering of electives, please consult the Head of Programme.*
Programme structure

Year 1
- Civil Engineering Fundamentals
- Civil Engineering Materials
- Engineering Geology
- Electrical Circuits
- Engineering Drawing
- Engineering Mathematics 1
- Engineering Mathematics 2
- Engineering Statics
- Introduction to Programming
- University English

Year 2
- Soil Mechanics & Geotechnical Engineering
- Engineering Hydrology
- Analytical Methods
- Civil Engineering Drawing
- Engineering Dynamics
- Fluids Mechanics
- Mechanics of Materials
- Structural Analysis 1
- Surveying

Year 3
- Structural Analysis II
- Engineering Perspectives
- Construction Technology
- Environmental Engineering
- Design of Structural Steelwork
- Estimating & Contract
- Foundation in Engineering
- Highway & Traffic Engineering
- Industrial Training
- Open Channel Hydraulics
- Reinforced Concrete Design

Year 4
- Integrated Engineering Design Project
- Elective I
- Elective II
- Final Year Project I
- Final Year Project II
- Reinforced & Pre-stressed Concrete Design
- Engineering Economics
- Project Management for Civil Engineering

General Elective** I
- Advance Highway Engineering
- Advanced Steel Design
- Water and Waste Water Systems

General Elective** II
- Advance Water Engineering
- Reinforced Concrete Bridge Design
- Sustainable Energy System

Oil & Gas Elective** Modules
(Students who would like to join the offshore structure workforce are advised to take both modules as Elective I and Elective II)
- Design of Floating Offshore Structures
- Design of Offshore Structures

MPU subjects
- Bahasa Kebangsaan A*
- Community Service & Co-curriculum
- Entrepreneurship
- Ethnic Relations (Local students) / Malay Communication 2 (International students)
- Islamic & Asian Civilisation (Local students) / Malaysian Studies (International students)
- Presentation Skills

FOR MORE INFORMATION ‹ CLICK HERE ›