

BACHELOR OF BUILDING ENGINEERING TECHNOLOGY [BEsT]

OVERVIEW

Building Engineering Technology is a multi discipline programme incorporating the technical aspects of engineering and building services. The department previously known as the Building Technology, was introduced in 1972 under School of Housing Building and Planning (HBP). Its located in Penang Island, approximately 1.5 km and 5 km from Penang Bridge and Penang Second Bridge respectively. Undergraduate program in this department offer abundant opportunities for learning in building material, structural system, building services, geomatic, building infrastructure, fire safety and prevention. HVAC system, thermal comfort and building energy, efficiency and management system, transportation as well as electrical and lighting system.



ADMISSION REQUIREMENT

A minimum CGPA of 2.75 in STPM / Matriculation / Foundation Science / Engineering Matriculation / A-levels / International Baccalaureate (IB) / Diploma / equivalent qualification

DURATION OF COURSE

4 years (full time), part time (n/a)

PROGRAMME STRUCTURE

Year 1

Students will take core subjects of building engineering including building engineering studio 1 & 2, mathematic for engineering technology, structural mechanics and construction material

Year 2

In addition to core subject, students will take additional subject in building engineering such as material and structural system studio, building services engineering studio, infrastructure technology, geomatic technology and structural analysis

Year 3

Students are introduced to specialized subjects such as reinforced concrete design, industrialised building system (IBS), method of construction and infrastructure, energy and transport studio and research project I

Year 4

In fourth year student can develop subjects taken in previous years, and also take electives. Further emphasis on the specialized subjects such as road and transport, professional practice in engineering technology, CAD studio, research project II and Compulsory Industrial Training

ASSESSMENT

Our teaching employs a mixture of lectures, studio (without exam), tutorials, exercise, practical work, examinations, written assignment and project reports



THE UNIQUENESS

The Bachelor of Building Engineering Technology is fully monitored to meet the Engineering Technology Accreditation Council (ETAC) requirement, a regulated body under Board of Engineer Malaysia (BEM). Graduate with degree in engineering technology is eligible to register as an Engineering Technologist with the BEM

CAREER PROSPECTS

Career prospects for our graduate are excellent. Graduate may choose to join government and private sectors such as building technologist, engineering technologist, project assistant manager, building pathologist, contract administrator, project management consultant, housing developer, contractor, entrepreneur, academician and researcher

For further information, please contact :

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Other information:

Washington Accord:

www.ieagrements.org/accords/washington/

Sydney Accord:

www.ieagrements.org/accords/sydney/

