

This programme is designed to equip students with the knowledge and skills required in the civil engineering industry performing a wider-range roles and tasks at the higher technician level.

By the end of the programme, students should be able to:

- Communicate effectively in the contexts of civil engineering or in construction management.
- Perform drafting tasks associated with civil engineering design and construction.
- Utilise computer-aided drafting systems and design packages.
- Recognise the interaction between civil engineering projects and the impacts on the physical and social environments.

Entry Requirement

Admission to Politeknik Brunei programmes must satisfy the **Minimum Entry Requirement** of each programme. For reference, visit PB Website: http://www.pb.edu.bn/SiteCollectionDocuments/ER_2019_V3.pdf or scan the QR Code below:



Career & Progression

Civil engineering disciplines provide a wide variety of career opportunities. Other than technical and drafting positions, work activities may involve quantity survey, land survey, water supply, drainage, transport design, and geotechnics. Civil engineers associate themselves with duties such as designing, management, construction, supervising and maintenance works.

Successful graduates may also pursue further studies in a Degree in Civil Engineering or any related fields. *subjected to CGPA attained and University admission requirements.

Testimonial

“The students are well-mannered, hard-working and respectful of others. They are capable, confident and comfortable with Engineering Mechanics module taught in the first semester of Civil Engineering degree programme at UTB.”

Hjh Siti Ratiyah Hj Ibrahim

Senior Lecturer/Coordinator for BEng programmes (Civil, Civil & Structural)
Universiti Teknologi Brunei (UTB)

Level 5 Diploma in Civil Engineering

Programme Structure	
No.	Module Title
1.	Health, Safety, Security and Environment
2.	Introduction to Civil Engineering
3.	Pengajian Melayu Islam Beraja
4.	Pendidikan Islam
5.	Engineering Mathematics 1
6.	Communication Skills For Engineering 1
7.	Engineering Mathematics 2
8.	Engineering Drawings 1(Technical Drawing)
9.	Surveying 1
10.	Construction Technology
11.	Mechanics of Solids
12.	Communication Skills For Engineering 2
13.	Construction Materials
14.	Engineering Drawings 2 (AutoCAD)
15.	Surveying 2
16.	Hydraulics
17.	Quantities, Estimation & Valuation
18.	Entrepreneurship
19.	Structures 1
20.	Water Supply, Sewerage & Waste Management
21.	Traffic & Highway Engineering
22.	Construction Management
23.	Soil Mechanics
24.	Final Year Project
25.	Structures 2
26.	Hydrology & Drainage
27.	Foundation & Pavement
28.	Internship
29.	Enrichment

Programme Information	
Level 5 Diploma Equivalence	Higher National Diploma
Duration of Study	3 Years (6 Semesters)
Commencement of 2019/2020 Academic Year	July 2019
Campus Location	School of Science & Engineering, Lumut
No of Modules	29 modules (92 Credit Value)

GET IN TOUCH WITH US



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