

Higher National Diploma In Construction And The Built Environment (Civil Engineering)

This Diploma course will provide the learners with the necessary skills to work effectively in the construction industry. The learners will gain a through grounding in the key concepts and practical skills required in the construction sector, and will be able to study specialist units to suit their interests and career needs. The learners will also gain an understanding of how emerging technologies affect the design and production phases of construction projects, take responsibility for the contribution to a project, and work as part of a team, and understand current health and safety regulations.

- **International Year 1**

Science & Materials for Construction & the Built Environment
Applied Mathematics for Construction & the Built Environment
Site Surveying Procedures for Construction & Built Environment
Civil Engineering Technology
Health, Safety & Welfare for Construction and the Built Environment
Measuring, Tendering and Estimating for Construction and the Built Environment
Engineering Geology & Soil Mechanics
Hydraulic Principles & Applications
IELTS Writing, Listing, Speaking & Reading
Engineering English

- **International Year 2**

Design Principles & Application for Construction & the Built Environment
Management Principles & Application for Construction & the Built Environment
Project Management for Construction & the Built Environment
Structural Analysis & Design
Group Project in the Construction Industry
Advanced Civil Engineering
Transportation for Construction & the Built Environment
Project Design, Implementation & Evaluation
IELTS Writing, Listing, Speaking & Reading
Engineering English

Duration = 10 months

Mode of Assessment*

1. Examination
2. Assignment
3. Presentation

Progression Pathway

Upon successful completion of HND program, students can advance to the following Bachelor's Degree Course.

- B.Eng (Hons) Civil Engineering
- B.Sc (Hons) Construction Management
- B.Sc (Hons) Quantity Surveying & Commercial Management
- B.Sc (Hons) Building Surveying

Career Opportunities

Employment within the construction trade in a managerial or technical capacity.

- Quantity Surveyor
- Junior Site Engineer
- Site Supervisor