

BEng in Civil Engineering

What is the BEng in Civil Engineering?

The BEng in Civil Engineering is a three-year degree programme, which prepares graduates to find employment as civil engineering technologists in the civil engineering sector. Many graduates go on to further their qualifications.

Current Programme Outline

Semester 1	Semester 2
Introduction to Land Surveying Civil & Structural Graphics Civil Engineering Mathematics 1 Mechanics (1) Civil Engineering Technology Introduction to ICT	Levelling Introduction to CAD Civil Engineering Mathematics 2 Mechanics (2) Materials Technology (1) Engineering Science
Semester 3	Semester 4
Digital Surveying CAD (2) Environmental Engineering (1) Design of Structures (1) Management of Civil Engineers Elective	Setting Out Civil & Structural Draughting Construction Health & Safety Design of Structures (2) Soil Mechanics Elective
Semester 5	Semester 6
Advanced Surveying Research Methods Civil Engineering Mathematics 3 Structural Analysis & Design (1) Materials Technology (2) Elective	CAD (3) Group Project Environmental Engineering (2) Structural Analysis & Design (2) Civil Engineering Construction Elective

Accredited by the
EI – Engineers Ireland



What career opportunities are available on completion of the programme?

Civil Engineering technologists find employment with a variety of companies and organisations including:

- Local authorities
- Civil engineering contractors
- Consulting engineers
- Government departments

Follow on Study

BSc (Honours) in Construction Management and Engineering



Applications

Course Title: BEng in Civil Engineering
2008 CAO points : 260
Course Code: WD139
Course Level: 7
Duration: 3 years

Leaving Certificate:
Total number of subjects at grade D or better: 5

Required Subjects:
English/Irish: OD3/HD3
Mathematics: OD3/HD3

Contacts

Programme Director
Tomas O'Donoghue

Head of Department
Dr. Ken Thomas,
Construction & Civil Engineering
Waterford Institute of Technology
Waterford

Tel: 051 845512
Email: todonoghue@wit.ie
Website: www.wit.ie/construction