

BTEC Construction (Extended Diploma) - Civil Engineering Level 3



In a nutshell

This course is ideal if you're looking to undertake a career in the technical disciplines of the construction industry. This includes, but is not exclusive to, site management, setting out engineers, structural Engineers, project management, and CAD technicians.

This course is for you if...

- ...you have a keen interest in civil engineering
- ...you'd like to gain both theory and practical knowledge
- ...you'd like a technical and dynamic knowledge of construction

What will I be doing?

Construction Industry Training Board (CITB) Apprenticeships are available, and this'll also form



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a natural progression for those apprentices that have already achieved a trade based NVQ.

If you're interested in following a professional career in construction, this is a good progression course for you. The course may include planning, sustainability, designing or working as part of a site team. You'll study core units and option units including:

- Design
- Construction
- Surveying
- Estimating
- Planning and administration

You'll be involved in ongoing inter-professional projects and practical onsite activities, including topographical and linear surveying, computer aided design (CAD) and graphical drawing techniques.

You'll be assessed through coursework, which will include written and practical activities and, once complete. You'll have qualifications accredited by the institute of Civil Engineers, including:

Level 3 Construction

[Skills Activities](#)

[Maths and English](#)

Other relevant qualifications to enhance your skill set.

What is expected of me?

To enter the course, you'll need a minimum of 5 GCSEs at Grade C or above, including Mathematics at Grade B and English/Welsh First Language, or an appropriate Level 2 Diploma qualification at Merit Grade with GCSE Maths and English/Welsh First Language at C Grade.

You'll also need:

An interest in structures and the wider urban fabric - construction isn't a job confined to the working hours of the day but rather a way of life

An ability to work under pressure individually or as part of a team in order to complete the

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assignments to strict deadlines and specifications

A reasonable grasp of mathematics is desirable, as many of the modules rely on basic mathematical principles in a construction context

Full commitment to attendance is required, as is respect for others, enthusiasm for the subject and self-motivation.

What comes next?

HNC/D in Civil Engineering

University to study towards a degree

Engineering Technologies Application for professional accreditation

Additional information

All costs are under review and subject to change.

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