

# Engineering

## Engineering: T Level (Building Services Engineering for Construction)

### In Brief

#### Start Date / Duration

This course starts in September and takes two years to complete.

#### Entry Requirements

Five GCSEs at grade 4 or above including Maths and English at grade 5 or above.

#### You will achieve

Building Services Engineering for Construction: T Level (Technical qualification):  
Electrotechnical Engineering

### Course Overview

**This qualification focuses on the development of knowledge and skills needed to work in the building services engineering industry. It will prepare you to enter the industry through employment or as an apprentice or if you are considering progression to Higher Education.**

This two-year course has been developed in collaboration with leading employers and combines College-based studies in our dedicated Science, Technology, Engineering and Maths (STEM) Centre along with a minimum of a 45-day industry placement.

### Course Content

- Health and safety practices associated with carrying out electrotechnical systems engineering
- Installation methods and termination of connections
- Systems and products used in electrotechnical engineering
- Analysing and using information to and from electrotechnical systems
- Removal processes as part of system decommissioning

### How will I be assessed?

You will be assessed by two externally set exams covering knowledge from the building services engineering common core components.

In year 2, you will complete an Occupational Specialism Assignment: The duration of the assessment is 24 hours and you will be assessed against the following themes:

- Health and safety
- Design and planning
- Systems and components
- Inspect and test systems and components
- Report and information
- Handover and communication
- Working with faults

## What Equipment Will I Need?

You will need to provide writing and drawing equipment and a scientific calculator. Personal Protective Equipment (PPE) will be provided.

## Where will I study?

Science, Technology, Engineering and Maths (STEM) Centre  
Old Mill Lane  
Barnsley  
S70 2LA

## What can I do next?

This qualification focuses on the development of knowledge and skills needed for working in the building services engineering industry, which will prepare you to enter the industry through employment or as an apprentice. Furthermore, the completion of this qualification gives you the opportunity to progress onto Higher Education courses and training.

## How much does the course cost?

### 16 – 18 year olds

Full-time Barnsley College students aged 16-18 years old do not have to pay tuition fees.

## Financial support

You may be eligible for assistance with expenses such as travel, books, equipment and childcare. For further information please contact the Student Services Team on +44 (0)1226 216 267.

## Extra information

### Contact the Information Unit

For further information please contact our friendly Information Team on +44 (0)1226 216 123 or email [info@barnsley.ac.uk](mailto:info@barnsley.ac.uk) [mailto:info@barnsley.ac.uk]

## Additional Learning Support

Our Additional Learning Support team can provide you with the support you need. Please contact them on +44 (0)1226 216 769.

## Disclaimer

Please note we reserve the right to change details without notice. We apologise for any inconvenience this may cause.

**Last updated:** 23rd November 2023

### Want to apply?

Visit <https://www.barnsley.ac.uk/apply> to get started

Call us on **01226 216 123**