

# Construction

## Design, Surveying and Planning Level 2 T Level Foundation Full-time

### In Brief

#### Start Date

This programme starts in September and will take one year to complete.

#### Entry Requirements

You will need to hold two GCSEs in English and Maths. These must be at Grade 3 or above.

#### You will achieve

A College Certificate for a National Technical Outcome.

### Course Overview

You will learn essential skills for a career in construction, including developing ideas that meet planning requirements for sustainable projects, designing such projects with knowledge in building technology, science, and computer-aided design, and producing outputs with practical, hands-on skills. The course emphasizes sustainability and prepares you for further studies in a T Level [<https://www.barnsley.ac.uk/courses/all-about-t-levels/>] in Construction: Design, Surveying, and Planning.

### Course Content

All students are to develop the knowledge and skills to be able to demonstrate the following three outcomes, by the end of the programme:

Outcome 1 – Develop ideas that meet planning requirements for sustainable construction projects

This outcome focuses on the requirements for the approval of a sustainable construction project. It provides an opportunity to focus on sustainability – a concept of significant importance to construction projects nationally and of interest to young people. The knowledge content of this outcome provides the bigger picture and an understanding of how projects meet local needs and regulations, relevant to whether a plumber is installing a system, a carpenter adapting the roof to support an extension or a surveyor inspecting the environment. It is based on knowledge in the core content of all three Construction and the built environment T Levels and enables providers to identify

employers locally that are engaged in these types of projects.

### Outcome 2 – Design sustainable construction projects

The outcome provides a purposeful context for the introduction of fundamental technical knowledge relating to building technology and science. This has been intentionally limited to a small number of fundamental concepts, for students to master these in preparation for the concepts they will learn on the T Level. It is acknowledged that students may need to be introduced to a range of contexts for the breadth of content to be learned in ways that are relevant and not contrived. The outcome also provides an opportunity to develop technical computer-aided design (CAD) skills as these are closely aligned to design principles and provide an opportunity for practical application of learning.

### Outcome 3 – Produce sustainable construction project outputs

This outcome continues the theme of sustainability to reinforce its importance to construction projects, but the key focus is on technical, practical, hands-on construction skills and their application to create an output that would contribute to a sustainable construction project.

## How will I be assessed?

The assessments will be through a series of reports, practical and some internal examinations that will enable you to provide evidence of meeting the assessment criteria. You will learn by completing projects and assignments which are based on realistic workplace situations, activities and demands.

## What Equipment Will I Need?

You will require a scientific calculator and general stationery. A concise list will be provided at interview.

## Where will I study?

Construction Centre  
Honeywell Lane  
Barnsley  
S75 1BP

## What can I do next?

Students usually go onto study a T-Level in Construction: Design, Surveying and Planning.

See what careers are available in the Construction sector. Use our online careers tool, Career Coach [<https://barnsley.lightcastcc.com/?radius=&region=Barnsley>] , to find out what your next steps could be.

## How much does the course cost?

N/A

### 16 – 18 year olds

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

## Extra information

### Join Honeywell Sports Village

We have a state-of-the-art fitness village, Honeywell Sports Village [<https://www.barnsley.ac.uk/shops-services/honeywell-sports-village/>] where students can make use of our fitness suite, spinning studio and classes for competitive rates.

### 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>]

### Want to join Barnsley Sports Academy and Honeywell Sports Village?

Barnsley College has a range of sports opportunities for all students to take part in, gain professional training and compete nationally and internationally. We also have a state-of-the-art fitness village, Honeywell Sports Village [<https://www.barnsley.ac.uk/shops-services/honeywell-sports-village/>] where students can make use of our fitness suite, spinning studio and classes for competitive rates. You don't have to be studying sport to get involved in the Sports Academy [<https://www.barnsley.ac.uk/barnsley-sports-academy/>].

## English and Maths

Having good English and Maths qualifications are important for most careers and we want to give you the help you need to succeed.

If you are aged 16 – 19 and don't hold a grade C/4 or above in GCSE English and Maths, you will automatically be included in your study programme. If you want to work towards achieving a higher grade in English and Maths, we can help you do that too and we offer Level 3 Mathematical Studies (Core Maths) which can be added to your study programme.

If you're aged 19 or above and don't hold a a grade C/4 or above in GCSE English and Maths we can help. We offer FREE English and Maths qualifications that can be studied on a part-time basis, subject to eligibility.

If you need any further information, please contact our Information Team by calling 01226 216 123 or emailing [info@barnsley.ac.uk](mailto:info@barnsley.ac.uk) [<mailto:info@barnsley.ac.uk>]

**Last updated:** 16th October 2024

**Want to apply?**

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

Call us on **01226 216 123**