

POST 16 SUBJECT OVERVIEW

T Level – Construction (Design, Surveying & Planning)

During the 2-year programme, students will develop the core knowledge and skills that are needed for entry to a range of construction, design and surveying occupations.

Summary

Level 3 qualification

Duration: 2-year course

Includes 9 weeks minimum working with an employer on an industry placement with local construction and engineering employers.

What you can do with this T Level

This course is suitable for anyone wanting a career in construction, specifically in areas such as design, surveying, planning, or building services engineering. Students can progress into roles such as:

- Building Services Engineer
- Civil Engineering Technician
- Construction Design Coordinator
- Quantity Surveying Technician
- Site Engineer

- **Architectural Technician**
- **Smart Meter Installer**
- **Plumber**
- **Electrician**
- **Heating and Ventilation Engineer**
- **Engineering Maintenance Technician**

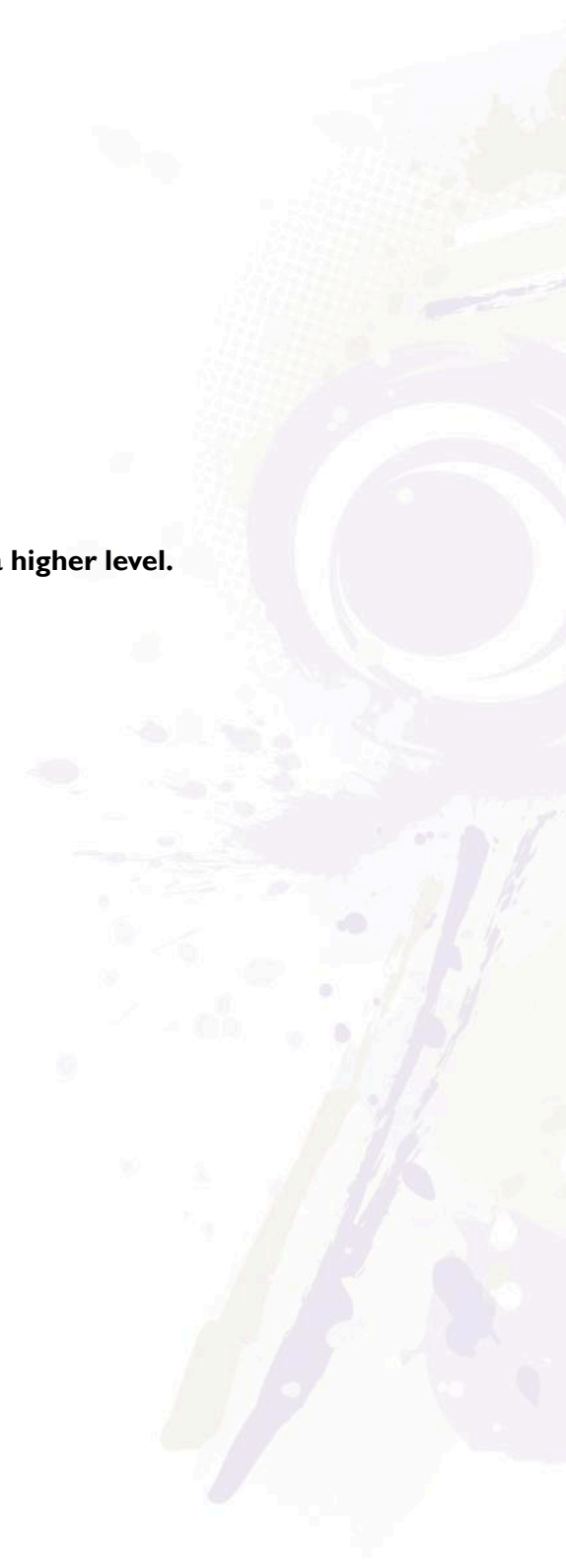
Speak to your careers adviser to find out more.

Students can also use this T Level to progress to a related higher-level apprenticeship or course of study at a higher level.

What you'll learn on this course

All students will develop a general understanding of construction, including:

- **Health and safety**
- **The science behind building design, surveying and planning**
- **Making accurate and appropriate measurements**
- **Construction methods**
- **Building regulations and standards**
- **Data management and information standards in construction**
- **Relationship management and customer service**
- **How the Internet of Things (IoT) impacts construction**
- **Digital engineering techniques**
- **Mathematical techniques to solve construction problems**
- **Construction design principles and processes**
- **The construction industry and its role in the economy**
- **Sustainability and the environmental impact of construction**



They will also learn about topics specific to design, surveying and planning, including:

- **Project management**
- **Budgeting and resource allocation**
- **Procurement**
- **Risk management**

Entry requirements

5 GCSEs at grade 4 and above including Maths & English. A Level 2 or equivalent qualification in Construction / Engineering is desirable but not essential

