

# Design and Draughting Apprenticeship

**Suitable for students interested in the following careers:**

*CAD Technician, Reinforcement Engineer, Architectural Assistant, Design Assistant, Structural Engineering Technician, BIM Technician, Draughtsperson*

A design and draughtsperson produce designs and drawings for all the components used in industrial and commercial construction.

Engineering design is needed in the modern world and is all around us. Whether its developing buildings, bridges, power stations, underground tunnels or components for engineering systems, every part of our existence is subject to change, development and improvement.

The essential skills of Computer Aided Design using modern software and advanced technologies to design and create are part of the training and development involved in this role.

## What is involved?

***The skills you will develop:***

- Create technical drawings to specifications and draughting conventions
- Develop design options as solutions to construction engineering problems
- Think innovatively and communicate effectively
- Communicate design information to internal and external parties
- Complete designs, produce and handover the final design package

***The knowledge you will gain in:***

- Understand technical drawings and specifications
- Health & Safety and environmental implications
- Interpret technical information
- Understand factors that affect design

***What qualifications will you achieve***

As part of the Design and Draughting Apprenticeship you will complete the following:

- 2 ½ Year Apprenticeship programme
- Specialist Training programme
- Level 3 in Design and Draughting
- Level 3 Construction and the Built Environment

*You can then progress on to a Higher Apprenticeship, HNC or Foundation Degree*

***To apply you will need:***

5 GCSEs at grade A-C/4-9 including English & Mathematics

Email your CV to [training@t3-uk.com](mailto:training@t3-uk.com), your application will be assessed and if suitable you will be invited for an interview and assessment, we have local and national employers looking for apprentices to recruit to the apprenticeship programme.