



Suffolk Joint
Construction
Committee

Structural Engineering Technician

A structural engineering technician provides technical support to structural engineers. They work together in making ideas and designs a reality for clients.

THE ROLE

The role requires a very forward thinking approach and the coordination of working with many other elements of the project team.

A technician's role works alongside all aspects of Structural Engineers and involves computer design work and the ability to solve problems on your own and as part of a team.

Technicians will need to have good drawing skills and to be able to understand complex engineering drawings and designs.

SALARY EXPECTATIONS

Starting salaries for junior technicians can be between £14,000 and £20,000 a year

Experienced technicians can earn between £25,000 and £40,000

Senior technicians can earn up to £40,000 a year

CAREER PROGRESSION

TRAINEE
TECHNICIAN

TECHNICIAN

SENIOR
TECHNICIAN

Structural Engineering Technician

ENTRY ROUTE

A common way to start in this career is to take an engineering apprenticeship. To get on to an apprenticeship scheme, you may need four GCSEs (grades A-C), including maths, science or design and technology, or equivalent qualifications.

- HNC or HND at college
- Foundation Degree in Civil Engineering
- A good understanding of maths
- Problem solving skills
- IT skills for Computer Aided Design (CAD) work and Building Information Management (BIM)
- Good organisational and supervisory
- Alternatively, some employers take technicians straight after A Levels/BTech

TYPICAL TASKS FOR A STRUCTURAL ENGINEERING TECHNICIAN:

- Assisting with site surveys
- Creating 3D models of buildings in structural software packages
- Creating 2D drawings - GA's etc.
- Providing clarification to the rest of the design and construction team
- Providing general assistance to structural engineers as part of the project team

For more information on becoming a Structural Engineering Technician visit:

**www.goconstruct.org
www.istructe.org
or talk to your local college**

Your career journey starts here!

