



Suffolk Joint
Construction
Committee

Civil Engineering Technician

A civil engineering technician provides technical support to civil 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 civil 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

Civil 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
- EngTech certification with the Institution of 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 skills
- Good communication

TYPICAL TASKS FOR A CIVIL ENGINEERING TECHNICIAN:

- Assisting with site surveys
- Creating engineering design plans
- Preparing estimates of labour costs and materials
- Arranging timescales for delivery of supplies, equipment and labour
- Inspecting projects and supervising progress
- Reporting problems to site managers and preparing reports for engineers

For more information on becoming a civil engineering technician visit:

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

Your career journey starts here!

