

Civil Engineering Senior Technician Apprenticeship Standard

Ofsted Outstanding Provider

Course Level: Level 4 | **Campus: Stafford** | **Subject Type: Construction & Engineering**

Course Overview:

Take the next step in your career with this Level 4 apprenticeship standard which has been designed to give you the skills, knowledge, and experience to thrive in this industry. As an apprentice, you'll play a vital role in shaping the built environment, from planning and designing through to managing and maintaining projects that touch every part of modern life. Whether it's schools, hospitals, and offices, or major infrastructure like roads, bridges, tunnels, ports, water systems, and renewable energy sites, you'll learn to coordinate and supervise the technical side of construction projects that keep communities moving and thriving. This apprenticeship is your opportunity to combine practical training with professional development, while working at the heart of a sector that builds the future.

What's Covered:

This occupation is found in the construction, built environment and engineering sectors, with civil engineering senior technicians employed in a variety of organisation types and sizes.

The broad purpose of the occupation is coordinate, manage and provide the technical planning, design, building, management, maintenance or dismantling of the built environment (such as buildings, structures, parks and public spaces, schools, offices, museums, hospitals) and infrastructure, such as transportation (road, rail, bridges, tunnels, ports and airports), water and waste management, marine and coastal engineering (irrigation systems, sustainable drainage systems (SuDS), flood, river and coastal defences), water and power supplies (utilities, hydropower, power stations, nuclear plants, on and offshore wind farms).

Civil engineering senior technicians use and apply their technical knowledge, underpinned by scientific principles and theories, propose numerous suitable techniques, procedures and methods to undertake and deliver civil engineering solutions. They need to source, review, analyse and evaluate a range of data and information, perform advanced calculations, and analyse civil engineering problems to reach proven solutions.

Entry Requirements:

In order to optimise success candidates will typically have 5 GCSE's at Grade C (Grade 4/5 in the new numerical GCSE grading system) or above, including Mathematics, English and a Science, Technology or Engineering related subject, and 90+ credits in Engineering at level 3. *(As further guidance, the level of Mathematics has an advisory GCSE level of grade B (Grade 5/6 in the new numerical GCSE grading system)

Assessment Information:

Your progress is continually monitored throughout the course. Assessments are arranged when necessary and these take place on-the-job.

Together with the college day release courses, which would be over 36 - 42 months.

Fees and Financial Support:

While you are on an apprenticeship your employer pays you a salary and supports you whilst you undertake your training.

Progression:

If you successfully achieve all parts of the apprenticeship, your assessor will discuss with you and your employer the next steps to take. Dependent on your roles and responsibilities, this may be the next level of the subject you have been studying already or a different pathway.

How do I find out more?

Unsure if this is for you? Please contact our team on **info@sotsiot.ac.uk**. We look forward to hearing from you.