



Construction and the Built Environment - Advanced

Course Overview

- ◆ This apprenticeship programme includes learning about working in the construction industry, providing the understanding needed relating to health and safety, science, use of materials, estimating and surveying.
- ◆ The apprentice will work onsite to monitor their projects and the building site, combined with working on office-based activities.
- ◆ They will apply mathematics and science to their construction design, learning how to communicate their design in drawings which meet the required specifications. Using technology, apprentices will understand how to work with GPS positioning systems when surveying and building information modelling (BIM) when creating designs.
- ◆ Students will understand how to carry out site surveys, interpret design information, and assess the condition of the building where the construction works are taking place. The student will calculate the costs of construction works whilst maintaining the progress of the project against the budget.
- ◆ Some of the core competencies the apprentice will learn include: maintaining systems for health, safety, welfare and environmental protection in the workplace, assessing and recommending work methods for carrying out site operations in the workplace, planning activities and resources to meet work requirements in the workplace, and allocating and monitoring the use of plant, equipment or machinery in the workplace.

Who is it aimed at?

It's open to all ages - not just school or college leavers, employed adults are eligible too. The course is for anyone interested in the following job roles:

- ◆ Architect
- ◆ Quantity Surveyor
- ◆ Building Surveyor
- ◆ Civil Engineer
- ◆ Construction Manager
- ◆ Building Services Engineer

Duration

- ◆ This apprenticeship takes approximately 24 months for the apprentice to fully complete.

How is this apprenticeship delivered?

- ◆ As part of this apprenticeship programme, the apprentice will spend four days in the workplace and one day at college where they will undertake classroom training, portfolio building and will perform practical related projects.

Entry requirements

- ◆ Employers set their own entry specification but the apprentice will complete Maths and English functional skills if they did not achieve GCSE grade 4 or above.

Off-the-job funding rule

- ◆ The funding rules state that 20% of the apprentice's time must be spent completing off-the-job training, this may include different activities and is measured over the course of the apprenticeship.
- ◆ Apprentices will be required to undertake the equivalent of a day's training to meet this funding rule. This could be either attending BCoT, shadowing another department/role, online learning, or manufacturer training and will be fully documented in their portfolio.

Progression opportunities

- ◆ Upon completion of the apprenticeship, with the transferable skills gained, the apprentice can progress further and apply their knowledge within various construction and the built environment roles across many sectors.
- ◆ The apprentice may also progress their training further and undertake other Construction and the Built Environment qualifications, from Level 4 through to a Bachelors Degree, or work towards other relevant qualifications related to their role in the workplace.

Did you know?

- ◆ An apprentice can be a new or existing employee.
- ◆ Apprenticeships are open to anyone living in England over the age of 16 and not in full-time education.
- ◆ Apprenticeship programmes can go up to degree level.
- ◆ BCoT is one of the largest providers of apprenticeships in the region. We work with large and small employers across all industry sectors.
- ◆ BCoT is in the top 30% of colleges nationally for timely achievement of apprenticeships for all ages and levels - National Achievement Rate Tables 2017/18.

Get in touch

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