



## Engineering Fitter

### Course Overview

- ◆ This apprenticeship programme includes learning about the primary role of an engineering fitter, who will produce complex high value, low volume components or assemblies using machines, equipment or systems to their required specification.
- ◆ The apprentice will interpret drawings/specifications and plan their work, ensuring they have the right tools, equipment and resources to complete the task. Fitters are required to check their work against quality standards and make adjustments as required based on their knowledge.
- ◆ They will learn to effectively communicate with colleges when handing over the completed product, and prepare the work area for the next task by checking equipment meets the standards required to operate.
- ◆ Students will likely work in one specific assembly area from mechanical, electrical, electronic, control systems, pipe fitting and instrumentation, or operate across multiple disciplines depending on the type of organisation.
- ◆ Some of the core competencies the apprentice will learn include: producing individual components, for example keys, pipework, threading, wiring looms, interfacing parts, motors, wiring cables, quality checking and adjusting components or assembly against required specification; for example testing and calibrating, identifying and resolving problems with components or assembly; fault diagnosis, and contributing to continuous improvement in component production or assembly.

[bcot.ac.uk/apprenticeships](http://bcot.ac.uk/apprenticeships)

## 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:

- ◆ Mechanical Fitter
- ◆ Electrical Fitter
- ◆ Electronic Fitter
- ◆ Instrumentation Fitter
- ◆ Pipe Fitter
- ◆ Controls and Systems Fitter

## Duration

- ◆ This apprenticeship takes approximately 42 months (this does not include EPA period) for the apprentice to fully complete.

## How is this apprenticeship delivered?

- ◆ As part of this apprenticeship programme, the apprentice will learn and work on the employer premises, completing tasks for portfolio building and practical role-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 engineering roles across many sectors
- ◆ The apprentice may also progress their training further and undertake a higher level engineering apprenticeship, 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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