



## Engineering Maintenance and Operations Technician

### Course Overview

- ◆ This apprenticeship programme includes learning about the primary role of an engineering maintenance and operations technician, who maintain the safety, integrity and effective operation of plant and equipment in industrial workplaces.
- ◆ The apprentice will support a business with their operational requirements for integrated engineering production plant and services, and apply their skills to undertake activities on a selection of electromechanical and process control plant, systems and equipment.
- ◆ They will learn how to install, test, service, remove, replace, maintain and repair a range of equipment as part of planned preventative and reactive maintenance programmes.
- ◆ Students will be responsible for the quality of their own work, ensuring the work is completed safely and meets stakeholder quality, and meets time or budget requirements whilst maintaining efficient running of equipment.
- ◆ Some of the core competencies the apprentice will learn include: maintaining operational practices, processes and procedures covering a range of plant and equipment, locating and rectifying faults on plant and equipment, inspecting and maintaining appropriate plant and equipment to meet operational requirements, assessing and testing the performance and condition of plant and equipment, and communicating with and provide information to stakeholders in line with personal role and responsibilities.

[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:

- ◆ Electrical Technicians
- ◆ Mechanical Technicians
- ◆ Control & Instrumentation Technicians
- ◆ Process Control Technicians
- ◆ Electromechanical Technicians
- ◆ Plant Operations Technicians

## Duration

- ◆ This apprenticeship takes approximately 36 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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