



Land-Based Service Engineering Technician

Course Overview

- ◆ This apprenticeship programme includes learning about the primary role of a land-based service engineering technician, who will typically work on site in a customer facing role. They will utilise their own initiative to mentor and supervise junior colleagues, and give advice to customers on machinery selection.
- ◆ The apprentice will prepare, install and handover complex technologically advanced machinery, plant and equipment, and verify its performance against the manufacturers specification to meet customer satisfaction.
- ◆ They will learn how to diagnose and repair complex faults with machinery, plant and equipment, which may include supervision of a junior colleague who may assist in aspects of the repair.
- ◆ Students will become competent in conducting inspections of machines and completing condition reports, and compose repair proposals, estimates, and quotations for timely and cost effective repairs.
- ◆ Some of the core competencies the apprentice will learn include: reading and interpreting complex wiring and hydraulic circuit diagrams relevant to the industry sector worked within and to relate this information to logical fault finding and diagnosis, understanding repair principles and practices used in the diagnosis and repair of complex technological systems, and electrohydraulic systems, and interpreting technical data and influence of operational conditions in the diagnosis and repair of current and emerging technology.

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:

- ◆ Land-Based Service Engineer
- ◆ Agriculture Service Engineer
- ◆ Horticulture Engineer
- ◆ Forestry Service Engineer
- ◆ Outdoor Power Engineer
- ◆ Service Engineer

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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