



Plumbing and Domestic Heating Technician - Advanced

Course Overview

- ◆ This apprenticeship programme includes learning about the primary role of a plumbing and domestic heating technician, who plan, select, install, service, commission, and maintain all aspects of plumbing and heating systems.
- ◆ The apprentice will work inside and outside of a property, upkeeping good customer service skills by being tidy and respectful of people's homes and building sites.
- ◆ They will learn how to measure accurately, mark, cut and bend/joint metallic and non-metallic pipework. Work will be carried out on various appliances such as gas, oil and solid fuel boilers, as well as pumps, heat emitters, bathroom and controls. They will also work with cold water equipment, hot water, central heating and above ground drainage and rainwater systems.
- ◆ Students will also cover new environmental technologies like heat pumps, solar thermal systems, biomass boilers, and water recycling systems. It's important to be able to work independently or as a team, using their knowledge and skills to ensure that the system and appliances are appropriately selected and correctly installed.
- ◆ Some of the core competencies the apprentice will learn include: understanding installation and testing techniques for electrical components and control systems, understanding scientific plumbing, domestic heating and mechanical principles, and understanding the principles of fuel combustion, ventilation and fueling arrangements within a domestic environment.

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:

- ◆ Plumber
- ◆ Domestic Heating Engineer
- ◆ Domestic Heating Installer
- ◆ Plumbing and Domestic Heating Installer
- ◆ Plumbing and Domestic Heating Engineer
- ◆ Multi-Skilled Plumber

Duration

- ◆ This apprenticeship takes approximately 48 months 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 the plumbing trade sector. You will also be eligible to register as EngTech by the Engineering Council through The Chartered Institute of Plumbing and Heating Engineering (CIPHE), and/or The Chartered Institute of Building Services Engineers (CIBSE).
- ◆ The apprentice may also progress their training further and undertake 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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