

Construction

Plumbing and Domestic Heating Technician Level 3 Apprenticeship

In Brief

Start Date / Duration

Apprenticeships can start at any time. This programme will take 52 months to complete. This may reduce if an apprentice has gained previous relevant knowledge and skills, which is recognised as Accredited Prior Learning.

Entry Requirements

- Entry requirements will be determined by individual employers. Typically, apprentices will have English and Mathematics at level 2 on entry, and all will have achieved that level prior to taking their end-point assessment. It will be a requirement that the newly developed Level 3 Plumbing and Domestic Heating Qualification is achieved prior to taking the end-point Assessment.
- You will need to find an employer to employ you as an apprentice. Please see our [Apprenticeship vacancies](#).

You will achieve

Level 3 Plumbing and Heating Apprenticeship Standard

Course Overview

Plumbing and Domestic Heating Technicians plan, select, install, service, commission and maintain all aspects of plumbing and heating systems. Plumbing and domestic heating technicians can find themselves working inside or outside a property. Customer service skills and being tidy and respectful are important qualities as they can often find themselves working in customers' homes as well as on building sites.

As a competent Plumbing and Heating Technician, the installation of plumbing and heating systems includes accurate measuring, marking, cutting, bending and jointing metallic and non-metallic pipework. Appliances and equipment can include gas, oil and solid fuel boilers as well as

pumps, heat emitters, bathroom furniture or controls as part of a cold water, hot water, and central heating or above ground drainage and rainwater systems. Plumbing and Domestic Heating Technicians are at the forefront of installing new and exciting environmental technologies like heat pumps, solar thermal systems, biomass boilers and water recycling systems. It is important for a plumbing and heating technician to be able to work independently or as a team and use their knowledge and skills to ensure that both the system and appliances are appropriately selected and correctly installed, often without any supervision, and done so in a safe, efficient and economical manner to minimise waste.

Visit the Institute for Apprenticeships website [<https://www.instituteforapprenticeships.org/apprenticeship-standards/plumbing-and-domestic-heating-technician/>] for more information regarding the standard.

This course is delivered as part of the South Yorkshire Institute of Technology (SYIoT). [<https://www.barnsley.ac.uk/syiot/>]

Course Content

You will study units from the list below which relate to your job role. You will also study:

Units

- Installing systems for hot and cold water, heating sanitation and waste disposal
- Fitting pipe-work to baths, sinks, central heating boilers and water pumps
- Emergency repair work
- Gas unvented hot water
- Hot water regulations

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[<https://www.barnsley.ac.uk/syiot/>]

How will I be assessed?

You will be assessed by your assessor using a portfolio of evidence, practical demonstrations and assignments. You will be assessed both in College and in your place of work.

What Equipment Will I Need?

You will be required to provide paper, writing materials, A4 ring binder file, extra wide dividers and clear plastic wallets.

Where will I study?

You will study within the workplace and attend classes at Barnsley College, The Cube Construction Centre, Honeywell Lane, Barnsley, S75 1BP.

What can I do next?

By the end of this apprenticeship the candidate will have satisfied the requirements for registration 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).

On completion of the health and safety assessment, as determined, by the assessment plan the candidate will have satisfied the requirements to obtain a Construction Skills Certification Scheme (CSCS) Card through the Joint Industry Board for Plumbing and Mechanical Engineering Services (JIB-PMES) at the appropriate grade.

How much does the course cost?

There is no cost to being an apprentice. All costs associated with your apprenticeship, including the cost of training and your salary, will be paid by your employer.

Financial support

You may be eligible for assistance with expenses such as travel, books, equipment and childcare. For further information please contact the Student Services Team on +44 (0)1226 216 267.

Extra information

Contact the Apprenticeship Team

For further information please contact the team on 01226 216166 or email: apprenticeships@barnsley.ac.uk [mailto:apprenticeships@barnsley.ac.uk]

Want to join Barnsley Sports Academy and the Sports Village?

Barnsley College has a range of sports opportunities for all students to take part in, gain professional training and compete nationally and internationally. We also have a state-of-the-art fitness village, Honeywell Sports Village [<https://www.barnsley.ac.uk/shops-services/honeywell-sports-village/>] where students can make use of our fitness suite, spinning studio and classes for competitive rates. You don't have to be studying sport to get involved in the Sports Academy [<https://www.barnsley.ac.uk/barnsley-sports-academy/>] .

Additional Learning Support

Our Additional Learning Support team can provide you with the support you need. Please contact them on +44 (0)1226 216 769.

English and Maths

Having good English and Maths qualifications are important for most careers and we want to give

you the help you need to succeed.

If you are aged 16 – 19 and don't already have a grade C/4 or above in GCSE English and Maths they will automatically be included in your study programme. If you want to work towards higher grades in English and Maths we can help you do that too.

Need a higher level Maths qualification? We offer a [Level 3 Mathematical Studies \(Core Maths\)](#).

This can be added to your study programme.

If you need any further information, please contact our friendly [Information Team](#).

Disclaimer

Please note we reserve the right to change details without notice. We apologise for any inconvenience this may cause.

Last updated: 13th March 2024

Want to apply?

Visit <https://www.barnsley.ac.uk/apply> to get started
Call us on **01226 216 123**