

# Plumbing and Domestic Heating Technician (ST0303) Level 3 Apprenticeship

## Overview

The role of Plumbing and Heating Technician will include the planning, fitting and service of domestic water, heating and drainage systems.

This standard will allow learners to gain all of the skills and qualifications required for a career in the Plumbing and Heating industry.

Possible job roles may include:

- Plumber
- Domestic Heating Engineer Domestic Heating Installer
- Plumbing and Domestic Heating Installer
- Plumbing and Domestic Heating Engineer

## Expected course duration

**51 months**

## College attendance

Bedford – Day release

Corby – Day release

## College day release intakes

September, November, January

## When can the apprentice start employment?

When offered job role and start date agreed with employer.

## When can the apprenticeship training start?

As soon as Apprentice starts employment. Arrangements will be made to start apprenticeship and college delivery.

## Course content

- Health and safety systems
- Common processes and techniques
- Scientific principles
- Planning and supervision
- Cold water systems
- Hot water systems
- Central heating systems

- Rainwater systems
- Sanitation systems
- Environmental technology systems
- Domestic fuel systems
- Electrical work and the control of plumbing and domestic heating systems
- Install, commission, service and maintain domestic plumbing and heating systems
- Specific domestic core safety for natural gas
- Install and maintain gas water heating and wet central heating appliances

## Entry requirements

### Grade requirements...

Level 2 Functional Skills Maths and English  
GCSE grade 4 and above Maths and English

### Other requirements...

#### Essential:

Level 1 Equivalent or Grade 3 and above Maths and English

#### Desirable:

Level 1 Equivalent or Grade 3 and above Maths and English

## What training is required in the workplace?

- Learning a variety of skills to enable the apprentice to be able to develop and complete their Apprenticeship and EPA
- 20% off the job training
- College attendance
- Regular 10/12/week Meetings with Training Coordinator and Apprentice to discuss progress and set SMART targets throughout apprenticeships

## Further study and career options

### Course progression:

Upon successful completion of this apprenticeship you could go on to study towards a Level 4 Foundation Degree in Building Services.

### Career progression:

Entry to the Competent Persons Scheme in gas, water and unvented hot water and work within the industry.

## Additional information

### Equipment

- Safety boots
- High vis
- Tools (optional to bring into college)

## Campuses

This course is available at our Bedford College and Tresham College Corby Campuses.

## Further details

**For more information, please visit here:**

<https://www.instituteforapprenticeships.org/apprenticeship-standards/plumbing-and-domestic-heating-technician-v1-1>

## How to apply

Through the apprenticeship vacancy page of our website:

<https://bedfordcollegegroup.ac.uk/study/apprenticeships/apprenticeship-vacancies/>

and the national apprenticeship website:

<https://www.apprenticeships.gov.uk/>