

# Plumbing and Domestic Heating Apprenticeship (4 year)

## Course Overview

This apprenticeship is designed by employers in the plumbing and heating industry and aims to provide you with the skills and knowledge to be able to work on both basic and advanced Plumbing and Heating systems. Your apprenticeship in this area will include a test that will assess the knowledge and practical skills you will have acquired throughout the apprenticeship. On successful completion of the apprenticeship and assessment, you will be able to be on the Gas Safe register, Water Register, and the G3 Unvented Hot Water Competent Person schemes. An apprenticeship is a job with training. You will be employed at least 30 hours a week, with 80% of your working hours in your day-to-day role, and the remaining 20% of your time engaged in training or study. By enquiring about this apprenticeship you are not applying for a specific role. For current vacancies please take a look at the apprenticeship vacancies page.

## What you will learn

The first year of the apprenticeship will cover the topics below: 1. The impact of the plumbing and heating industry on the environment 2. How to install all types of pipework safely to the relevant industry standard 3. How to maintain all related components to industry standards 4. How to safely carry out practical work in order to be safe within the industry 5. How to prepare the workplace/site ready for work to be carried out 6. Coldwater systems 7. Hot water systems 8. Central heating systems

In year two and year three, you will be learning additional units for the gas engineering qualifications, including: 1. Gas principles 2. Installation and servicing 3. Test and purge 4. Install and commissioning 5. Water heaters including the installation and design 6. Unvented 7. Combustion of gas 8. Water regulations Year two and year three will be a combination of theory and practical.

## Entry Requirements

To apply for this apprenticeship it is desirable you have achieved a grade 9-4 (A\*- C) in GCSE maths and English and you must be employed in the industry.

## How you will be assessed

During this apprenticeship, you will be assessed in a number of ways to ensure you are meeting the criteria to work in this industry. Induction and Core Skills Training Stage 1: to teach safe working and includes demonstrating and carrying out health and safety practices in plumbing and domestic heating as well as building services and structures. Knowledge Training Stage 2: this will be at a workplace or training centre and includes written or practical assignments and knowledge assessments. These are graded against specific modules/options. Workplace Training Stage 3: you will keep two work logs (plumbing/heating and gas) of practical activities, skills, and competencies, and there will be a practical observation of work activity in terms of quality and behaviour. End-point assessment (EPA) is the final stage that you will go through to complete your apprenticeship. You must show your learning to an independent end-point assessor and will then be graded with a distinction, pass, or fail. You will be asked to submit two work logs with a gas safe registration certificate, competency test, and work log review. The portfolio should show the skills, knowledge, and behaviours that you have learned for the core and specific requirements of the standard.

## Course Fees

If for any reason, you do not pass this apprenticeship, you may be required to cover the costs of the endpoint assessment.

## Course Progression

Once you have successfully completed this level 3 qualification, you may choose to progress onto the next route of study - a Higher National Diploma in Building Engineering Services at level 5 or a Higher National Diploma in Construction at level 5. Following this, you may decide to undertake OFTEC (Oil Firing Technical Association) qualifications to help you develop your career.

## What Happens Next

You can express your interest in this apprenticeship by completing an application form or alternatively you can apply for one of our live apprenticeship vacancies via the College website. Our apprenticeships can also be found on the government's apprenticeship site, [gov.uk/apply-apprenticeship](http://gov.uk/apply-apprenticeship). As with any other job application, if you are shortlisted, you will be invited for an interview at the employer's premises. You can apply for as many apprenticeship vacancies as you want.

## Course Details

Course Code	P00579
Start Date	Various
Study Hours	Full Time
Duration	48 months
Campus	Freemen's Park Campus
Level	3

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