

# Plumbing & Heating (Level 3)

**b<sup>d</sup>**

business  
development  
@southport  
college

This course is intended to those wanting to further their skills and knowledge of the plumbing industry

## Why study this course?

- Level 3 is ideal if you are working within the plumbing and heating trade and have a great deal of technical skills and knowledge. You work with minimum supervision and have a good record of safety, fault correction and ensuring that work meets the required standard.

## Who is the course aimed at?

- Apprentices who have complete the L2 intermediate qualification.

## What will you study?

You will study a range of subjects which include-

- Understand how to organise resources within BSE- Understand and apply domestic cold water system installation, commissioning, service and maintenance techniques
- Understand and apply domestic hot water system installation, commissioning, service and maintenance techniques
- Understand and apply domestic central heating system installation, commissioning, service and maintenance techniques
- Understand and carry out electrical work on domestic plumbing and heating systems and components
- Understand and apply domestic sanitation system installation, commissioning, service and maintenance techniques
- Install, commission, service and maintain domestic plumbing and heating systems
- Domestic Plumbing and Heating (Gas Fired Water and Central Heating Appliances).

## Knowledge and Skills you will develop

- Reading, drawings, and figures to understand the layout of water supply, central heating and waste systems
- Installing, repairing and maintaining domestic plumbing fixtures and systems.
- Being able to work in confined spaces or at certain heights.
- Communicating effectively and confidently with customers, colleagues, and management.
- Using hand and power tools, as well as machines, to measure, cut, bend and thread pipes.
- Providing time and cost estimates of the work to be performed (both labour and materials).
- Knowledge of legal restrictions and safety rules.
- Meeting safety standards and complying with building regulations.

## Behaviours you will develop

- During your study you will cover a range of knowledge and skills across areas. You will learn the knowledge and practical skills required to work efficiently on these systems.

## Entry requirements

- You will need to complete initial assessments in maths and English and take part in an interview with a member of our Assessment Team.
- You will need to have completed the L2 apprenticeship.
- You will need to be working in an environment that will provide you with the opportunities to learn and develop your plumbing and heating skills.
- Functional Skills Maths Level 2
- Functional Skills English Level 2
- Functional Skills IT Level 1

## How long will it last?

- Between 24-36 months.

## How will it be delivered

- You will attend college one day per week and be assessed in the workplace.
- Maths and English development will be delivered through a mixture of College based sessions and assignments in the workplace.
- Employment Rights and Responsibilities will be embedded into the NVQ delivery.

## Qualifications gained

- NVQ Diploma in Plumbing and Heating Level 2.
- Maths and English development
- Employee Rights and Responsibilities

## Progression to further study

On successful completion of the Intermediate Level Apprenticeship in Plumbing, an apprentice will have the skills, knowledge and qualifications to:

- Register on an appropriate Certification Scheme
- Progress to an Advanced Apprenticeship in Plumbing or Gas
- Progress in their career with further training in job roles such as Technician, Designer Estimator, Project Manager, Site/Workshop Supervisor/Manager, Chartered Engineer, Sales Engineer or Commercial Engineer

## Further details

- Further details on this Framework can be found at:  
[www.afo.sscalliance.org](http://www.afo.sscalliance.org)

## Who to contact

- For more information about apprenticeships, funding and training, please contact our Business Development Team on 01704 392817 or email on [employer@southport.ac.uk](mailto:employer@southport.ac.uk)

Apprenticeships at Southport College