

Plumbing & Heating – Intermediate

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business
development
@southport
college

This course is intended to those wanting to gain the skills and knowledge necessary to enter the plumbing industry

Why study this course?

Do you want a career in the Plumbing and Heating industry?

- Job variety. Being a plumber doesn't necessarily mean you're doing house calls and fixing toilets all day. Plumbers work in all kinds of industries and include a variety of job roles.
- Personal benefits. As a plumber, you'll be working your body and your mind all the time. Analyzing problems, developing solutions, and handling day-to-day challenges will keep your mind sharp, and the physical requirements of the job can keep your body active and healthy.
- Social interaction. As a plumber, you won't be stuck in an office all day. You can be out and about, meeting and interacting with new people all the time. If you're a friendly person and offer your clients good customer service, you can also generate a significant amount of income.

Who is the course aimed at?

- The NVQ Level 2 plumbing and heating qualification is designed for anyone who wants to become a plumber or domestic heating engineer. It provides all the basic domestic heating and plumbing training you need to start work in the industry

What will you study?

You will study a range of subjects which include–

- Safe working practices-
- Communicate with others-
- Environmental protection-
- Scientific principles-
- Prep and pipe work fabrication-
- Cold water systems-
- Hot water systems-
- Central Heating systems-
- Rain water systems-
- Above ground drainage systems-

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 including domestic hot and cold water systems, central heating systems, sanitation systems. 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 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 18 – 24 months.

How will it be delivered

- You will attend college one day per week and be assessed in the workplace.
- Maths, English and IT 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

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

Apprenticeships at Southport College