

NVQ LEVEL 2 DIPLOMA IN PLUMBING AND HEATING

Subject Area

Student Type

Study Mode

Construction &
Construction Trades

Adults

Part Time

What is the course about?

This qualification is for those who have completed the Level 2 Diploma in Plumbing and Heating and are currently employed or self-employed in the Building Services sector of the construction industry. You must have a qualified plumber working with you to sign off your competence.

The main purpose of this qualification is to provide individuals with the skills and knowledge needed to work effectively as a plumber. It covers various aspects of plumbing and heating systems, including installation, maintenance, and repair.

The course runs over a 12-month period, although it can be completed sooner.

You will attend face-to-face sessions at the Warrington campus as follows:

- One session focused on the level 2 theoretical unit, 'Understand how to apply environmental protection measures within building services engineering'. This is supported by online resources and assessed via an online multiple-choice exam. Students will be booked to sit the exam when ready.
- Three additional face-to-face sessions throughout the year to guide and support you in completing your portfolio, with targets set as needed.
- In addition, you will have five direct workplace observations covering preparations, installations, sound tests, decommissioning, and maintenance activities to complete your NVQ portfolio. A qualified plumber must be present to sign off your competence during these observations.

Please note: If you do not complete the qualification and the five workplace observations within 12 months, additional costs of £100 per workplace observation may apply.

Why should I choose the course?

The qualification is nationally recognised within the UK, providing credibility and legitimacy within the industry. Employers often seek candidates with recognised qualifications when hiring for plumbing and heating positions.

There is a consistent demand for skilled plumbers and heating engineers, making it a stable career choice. Plumbing and heating systems are essential in both residential and commercial buildings, ensuring ongoing demand for qualified professionals.

Completion of this course opens up various career opportunities in the plumbing and heating industry. Whether working for a plumbing firm, heating contractor, or self-employment, qualified individuals have a range of options to explore.

What will I learn?

While completing the Level 2 NVQ Plumbing and Heating course, students can expect to learn a wide range of practical skills and theoretical knowledge relevant to the plumbing and heating industry.



**Warrington
& Vale Royal
College**

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Winwick Rd, Warrington WA2 8QA

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Here are some of the key areas typically covered in the course:

- **Health and Safety:** Understanding and adhering to health and safety regulations and practices relevant to plumbing and heating work, including the proper use of personal protective equipment (PPE) and safe working practices.
- **Interpreting Technical Drawings:** Reading and interpreting technical drawings, diagrams, and specifications related to plumbing and heating systems, understanding symbols, measurements, and annotations.
- **Pipe Installation:** Learning how to install various types of pipes, including copper, plastic, and steel, using appropriate jointing methods such as soldering, compression fittings, and solvent welding.
- **Fixtures and Fittings:** Installing and maintaining plumbing fixtures and fittings, including sinks, toilets, showers, baths, taps, valves, and drains.
- **Heating Systems:** Understanding different types of heating systems, including central heating boilers, radiators, underfloor heating, and renewable energy systems such as solar thermal and heat pumps.
- **Controls and Regulations:** Understanding heating controls, thermostats, timers, and programmers, as well as compliance with relevant building regulations and industry standards.
- **Fault Finding and Repair:** Developing skills in diagnosing and rectifying faults in plumbing and heating systems, troubleshooting issues such as leaks, blockages, and heating system malfunctions.
- **Customer Service:** Developing effective communication and customer service skills to interact professionally with clients, assess their needs, and provide appropriate solutions.

What will the course lead on to?

Completing this apprenticeship can lead to a sustained career in the building services sector with the opportunity to progress on to higher level apprenticeships. Progression opportunities include:

- Gain employment as a qualified plumber (Inc site work with a CSCS card)
- Study Level 3 Plumbing and Heating Technician Standard
- Study Level 3 Low Carbon Heating Technician Standard

What support is available?

You will be allocated a designated assessor to guide you through your course. We also have a team of staff dedicated to providing learning support if it is required and a Wellbeing Team that are on hand to offer guidance, support and help when needed.

Why should I choose to study the course at Warrington & Vale Royal College?

We are one of the top-performing further education colleges for apprenticeships. Over nine in ten of our apprentices continue in employment or receive a promotion once they have completed their apprenticeship. We also have a dedicated apprenticeship matching service which matches your skills to a suitable apprenticeship employer. The college is dedicated to supporting you on-programme and helping you progress on to the next step.

What are the entry requirements?

You must hold a minimum of Level 2 Diploma in Plumbing.



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Are there any additional costs associated with the course?


If you do not complete the qualification within the 12-month period, and the 5 workplace observations, additional costs may be incurred at £100 per workplace observation.



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