



Level 2 Plumbing for Adults



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Subject Area	Construction
Course Type	Adult (19+)
Study Level	Level 2
Delivery Mode	Part-time
Duration	1 Academic Year
Start Date	September 2027
Course Code	PA000082

Course Summary

Our Level 2 Plumbing adult course equips you with the essential knowledge and practical skills needed to continue your career in the plumbing industry. This course blends theoretical learning with hands-on experience, preparing you for further study and employment. As an aspiring plumbing and heating engineer working in domestic, commercial, or industrial settings, you will develop a strong understanding of plumbing scientific principles and systems, appliance fittings, and various plumbing methods. You'll also gain expertise in industry standards, safety regulations, and best practices. Upon successful completion, you will be qualified at a Plumber's mate level, ready to take the next steps in your career.

What You Will Learn

You will learn about the importance of health and safety in the plumbing industry, plumbing science and theory including flow rates, pressure, temperature control, and the principles behind hot and cold water systems, sanitation, and above ground drainage. You'll also develop your understanding of the materials, tools, and calculations used in

modern plumbing installations.

You will also take advantage of learning about green skills and sustainability with a strong focus on smart technology, water efficiency and an awareness of heat pumps, solar thermal systems, greywater recycling and low-carbon heating solutions. There's never been a better time to train as a modern plumbing and heating engineer.

Modules

- Health and Safety in Building Services
- Engineering
 - Electrical Principles and Processes for Building Services
- Engineering
 - Scientific Principles for Domestic, Industrial and Commercial Plumbing
- Common Plumbing Processes
 - Cold Water Systems
- Domestic Hot Water Systems
- Sanitation
- Central Heating Systems
 - Drainage Systems
- Understand How to Communicate with Others within Building Services Engineering

Entry Requirements

Learners progressing internally must have completed the Level 1 Plumbing qualification at Bradford College and have a sufficient understanding of maths and English skills; including listening, speaking, reading, writing and communication.

Work Experience

Your course may include work experience or a work placement that could lead to the offer of a part-time or casual work, or you might work outside of your studies. Our students benefit from local site visits and trips to construction companies.

Progression

Successful completion of this course can lead to opportunities for employment or an apprenticeship.

Careers include:

Plumber
Heating Engineer
Gas Engineer
Gas Service Technician
Air Source Heat Pump Installer

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