Working together to transform lives

Enquiries
Email: hello@bradfordcollege.ac.uk
Telephone: 01274 088 088

Plumbing Studies



Subject Area	Construction
Course Type	School Leavers
Study Level	Level 1
Delivery Mode	Full-time
Duration	1 Academic Year
Start Date	September 2027
Course Code	PA000074

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This course is delivered in partnership with

DAIKIN

Course Summary

Our Level 1 Plumbing course offers an ideal starting point for learners who want to begin their training and work towards a future career in the Plumbing industry. It introduces the core principles behind one of the most technical and dynamic roles in the construction industry, giving learners a clear first step into the world of plumbing. At least half of the course is spent completing practical tasks in the workshop, giving you hands□on experience while you learn the key principles of plumbing. You will also spend dedicated time in the classroom developing your understanding of the theory to support your practical skills.

This course includes project□based learning that embeds GCSE Maths and GCSE English directly into theoretical and practical, vocational tasks through a contextualised model.

This ensures learners develop relevant, essential and applied skills that align with the expectations of the construction industry and support their long-term progression.

What You Will Learn

You will learn how to follow health and safety practices, know and use tools and equipment for plumbing tasks, and connect using different types of plumbing materials, components and fittings. You will be able to hone your hand skills in the workshop by measuring and marking out, cutting and preparing pipework, and installing a range of basic plumbing systems and equipment. This will include a basic understanding of plumbing checks and techniques, such as flow, pressure and leak testing.

Modules

- Structure of the Construction Industry
- Fundamental Safe Working Practices
- Environmental and Sustainability Measures in Domestic Dwellings
- Site Preparation for Working in the Construction Industry
- Above Ground Drainage
- Copper Pipework
- Plastic Pressure Pipework
- Low Carbon Steel Pipework
- Installation, Repair and Maintenance of Plumbing Systems
- Plumbing Science

Entry Requirements

Applicants must have GCSE Maths and GCSE English at a grade 3 as a minimum

Learners progressing internally must have also successfully completed an Introduction to Construction qualification.

Work Experience

You will undertake at least two meaningful encounters with employers, giving you a genuine introduction to the world of work. Throughout the course, you will partake in workplace visits, industry insight events, employer talks and practical workshops, all designed to build your communication, problem-solving and teamwork skills. You will

also undertake focused employability activities, including CV writing, job applications and interview skills.

You will additionally partake in activities that support wellbeing and mental health, helping you build confidence, resilience and positive habits as you prepare for future study and employment.

Progression

Successful completion of this course can lead to progression onto our Level 2 Diploma in Plumbing, as well as 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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