

PLUMBING & DOMESTIC HEATING TECHNICIAN Apprenticeship

STUDENT FACTSHEET
YOUR FUTURE STARTS HERE

These apprenticeships provide the skills needed to plan, select, install, service, commission and maintain all aspects of plumbing and domestic heating systems

Key Information

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| Level | 3 |
| Duration | 48 months months (this does not include EPA period) |
| Entry requirements and Mandatory Qualifications: | <ul style="list-style-type: none"> - 16 years or over. - GCSE grade 4 and above in English & maths - Passing an aptitude assessment - Employer completion of a range of work documentation |
| Delivery | A minimum of 30 hours of on the job training at work place per week including a day/ block release to study theory at the Harrow or Uxbridge Campus |
| Typical job titles | Plumber, Domestic Heating Engineer, Domestic Heating Installer, Plumbing and Domestic Heating Installer, Plumbing and Domestic Heating Engineer |
| Link to Professional Registration | <p>By the end of this apprenticeship the candidate will have satisfied the requirements for registration as EngTech by the Engineering Council through The Chartered Institute of Plumbing and Heating Engineering (CIPHE) and or The Chartered Institute of Building Services Engineers (CIBSE).</p> <p>On completion of the health and safety assessment, as determined, by the assessment plan the candidate will have satisfied the requirements to obtain a Construction Skills Certification Scheme (CSCS) Card through the Joint Industry Board for Plumbing and Mechanical Engineering Services (JIB-PMES) at the appropriate grade.</p> |

Choose a Trusted Provider



We are a top provider in London with consistently high success rates



We are the largest college group providers of apprenticeships in west London



We work with major companies including British Airways, Brunel University London & Menzies etc.



Most of our apprentices secure employment at the end of their apprenticeship

Discounted travel with an Apprentice Oyster card

Discounts on shopping with an NUS Apprentice Extra Card

Employers involved in creating the standard:

Seddon Construction Ltd, Millside Heating Services Ltd, Parker Bromely Ltd, E C Merrett Ltd, Arthur Padgett Ltd, Coulson Building Group, Gasway, Leaks and Locks, Andrew Crookes Plumbing & Heating, Mitie

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Apprenticeships & Skills
Harrow, Richmond & Uxbridge Colleges

Modules and Content

| Knowledge | What is required |
|--|---|
| Health and safety Core plumbing systems | Understand health and safety legislation, codes of practice and safe working practices Understand selection, planning, installation, testing, commissioning and de-commissioning, service, maintenance, fault diagnosis and repair techniques on cold water, hot water, central heating, above ground drainage and rainwater systems |
| Electrical components and control systems | Understand installation and testing techniques for electrical components and control systems on plumbing and domestic heating systems |
| Plumbing science and processes | Understand scientific plumbing, domestic heating and mechanical principles |
| Principles of environmental technology systems | Understand the principles of domestic mechanical environmental technology systems |
| Principles of fossil fuels | Understand the principles of fuel combustion, ventilation and fluing arrangements within a domestic environment |
| Customer service | Understand the principles of high quality customer service and establishing the needs of others (colleagues, customers and other stakeholders). Respect the working environment including customer's properties |
| Communication | Understand different communication methods, how to communicate in a clear, articulate and appropriate manner and how to adapt communication style to suit different situations |

| Skills | What is required |
|--|--|
| Safe working | Operate in a safe working manner by adhering to health and safety legislation, codes of practice and applying safe working practices |
| Core plumbing system techniques | Apply selection, planning, installation, testing, commissioning and de-commissioning, service, maintenance, fault diagnosis and repair techniques on cold water, hot water, central heating, above ground drainage and rainwater systems |
| Electrical components and control systems techniques | Apply installation and testing techniques for electrical components and control systems on plumbing and domestic heating systems |
| Supervisory skills | Take responsibility for own work and safety and welfare of others Oversee and organise the programme of work and work environment Carry out work and manage resources in an environmentally friendly manner |

Frequently Asked Questions

What is new apprenticeship standard?

Apprenticeships in England are changing. Because of government reforms, a new style of apprenticeships has been designed to meet the needs of employers, learners and providers.

How will I be assessed?

You will be assessed continually in knowledge, skills and behaviour areas at work. Towards the end of the apprenticeship, employers and providers will 'sign-off' the apprentice as ready for the end-point assessment (EPA).

Signing-off an apprentice indicates the employer and providers believe their knowledge, skills and behaviours are the level required to gain an apprenticeship. This sign-off is called the 'gateway'.

An end-point assessment (EPA) is a collection of assessments that offers confirmation of knowledge, skills and behaviours for a particular role. The EPA must be achieved before an apprenticeship certificate can be issued. The assessment organisation and the assessor must be independent of, and separate from the training provided by the provider and employer.

Do I already need to have a job to start an apprenticeship?

You should be working a minimum of 30 hours per week in a job. If you are unemployed, view our vacancies to apply for a job:

www.hruc.ac.uk/apprenticeships

Can I start an apprenticeship after Year 11?

Yes, you can! Young people in England must stay in education or training until they turn 18. If you're looking for a different option after Year 11, an apprenticeship could be the answer for you!

How much does an apprenticeship cost?

There is no cost for you to do an apprenticeship if you are 16 years old or over and you will be paid a wage.

View our vacancies to apply

www.hruc.ac.uk/apprenticeships



Already working? Upskill!

Turn your job into an apprenticeship. Call us on **01895 853622 / 0208 909 6328** to get you started.