



Unvented Hot Water Systems Certificate

Summary:
This course covers all aspects of unvented hot water requirements.

Course content:
Unvented systems and their operating principles, design and installation, maintenance, and compliance with other building regulations.

Entry requirements:
Individuals who hold a recognised plumbing qualification or have experience of working in the plumbing industry.

| | |
|---------------------|--------------------------------------|
| Information: | |
| Length | 1 day |
| Start Date(s) | Various |
| Fee | £225 |
| Course Code | C428 |
| Location | Plumbing Technology Centre, Kempston |

Water Regulations Certificate

Summary:
This course is a pre-requisite for those who want to work with portable water in the plumbing industry, and introduces all of the key issues and regulations.

Course content:
Water regulations update (requirements), correct installation, water management, and contamination and misuse.

Entry requirements:
Working knowledge of plumbing systems.

| | |
|---------------------|--------------------------------------|
| Information: | |
| Length | 1 day |
| Start Date(s) | Various |
| Fee | £225 |
| Course Code | C429 |
| Location | Plumbing Technology Centre, Kempston |

We also offer a wide range of courses for the construction and maintenance, electrical installation and gas industries.

To obtain a copy of our training guide call our business development team on 01234 291000 or visit www.bedford.ac.uk



Please note: Whilst every effort is made to ensure the information within this guide is correct at the time of printing, some details may be subject to change. Bedford College reserves the right to make amendments to the courses, dates, fees and other details, and to make cancellations or changes if numbers are insufficient. In the unfortunate situation that we have to cancel a course, we will refund your fees in full, but we regret we are not able to refund if you withdraw from your course or fail to start, and you will be liable to pay any outstanding fees that may be due.

01234 291000 www.bedford.ac.uk

plumbing

Industry Training September 2009 – July 2010

Bedford College has over 10 years' experience of providing successful, quality training and assessment at affordable prices to the plumbing industry.

We provide training for a wide range of employers – each year hundreds of individuals use our state-of-the-art facilities to gain recognised industry qualifications, with employers directly benefiting from the relevant industry skills they learn.



How to contact us

For more information, please contact our business development team:
Tel: 01234 291000 • Fax: 01234 291979 • Email: employertaining@bedford.ac.uk • Web: www.bedford.ac.uk
Bedford College Training Services, Cauldwell Street, Bedford, MK42 9AH



OUTSTANDING
reputation for training



OUTSTANDING QUALITY
Recognised for Excellence



BEACON COLLEGE
– one of the best further
education colleges in the country



OUTSTANDING
overall rating by Ofsted

Plumbing Studies Technical Certificate Level 2

Summary:

This course is pre-requisite for those who want to become a plumber and is the first step towards an NVQ qualification.

Course content:

Maintaining a safe working environment, installing non complex plumbing systems and components, commissioning and decommissioning non complex plumbing systems and components, maintaining non complex plumbing systems and components, maintaining effective working relationships, and contributing to the improvement of non complex plumbing business products and services.

Entry requirements:

There are no entry requirements.

Progression:

Plumbing NVQ Level 2.

Information:

| | |
|---------------|--|
| Length | 2 evenings per week for 2 years or 1 day per week for 2 years |
| Start Date(s) | September start |
| Fee | £1,000* |
| Course Code | C412 (evenings) C416S1 (day) |
| Location | Plumbing Technology Centre, Kempston |

*Fee payable annually

Plumbing Studies Technical Certificate Level 3

Summary:

This course provides the underpinning knowledge for the NVQ Level 3 qualification, which is recommended by the Institute of Plumbing & Heating Engineering (IPHE).

Course content:

Systems design, complex hot and cold water systems, complex sanitation systems, domestic gas supply systems, products and services within the plumbing industry, and a series of practical tasks.

Entry requirements:

Plumbing Studies Technical Certificate Level 2 or Plumbing NVQ Level 2.

Progression:

Plumbing NVQ Level 3.

Information:

| | |
|---------------|--|
| Length | 2 evenings per week for 2 years or 1 day per week for 2 years |
| Start Date(s) | September start |
| Fee | £1,000* |
| Course Code | C409 (evenings) C564 (day) |
| Location | Plumbing Technology Centre, Kempston |

*Fee payable annually

Plumbing NVQ Level 2

Summary:

The NVQ qualification is pre-requisite for those who want to become a qualified plumber, and covers all aspects of domestic plumbing.

Course content:

Cold water systems, domestic hot water systems, sanitation systems (above ground only), and hot water heating systems.

Entry requirements:

Plumbing Studies Technical Certificate Level 2.

Progression:

Plumbing Studies Technical Certificate Level 3.

Information:

| | |
|---------------|---|
| Length | Up to 12 months |
| Start Date(s) | Flexible |
| Fee | Funding available, call for details. |
| Course Code | C1044 |
| Location | Delivered in the workplace. |

Plumbing NVQ Level 3

Summary:

The plumbing industry recommends that all plumbers reach a minimum of NVQ Level 3, which covers domestic, commercial and industrial plumbing along with aspects of gas.

Course content:

Cold water systems, domestic hot water systems, sanitation systems (above ground only), and hot water heating systems.

Entry requirements:

Individuals must have a Plumbing NVQ Level 2 and either hold, or are working towards, a Plumbing Studies Technical Certificate Level 3.

Information:

| | |
|---------------|---|
| Length | Up to 12 months |
| Start Date(s) | Flexible |
| Fee | Funding available, call for details. |
| Course Code | C1076 |
| Location | Delivered in the workplace. |

Air/Ground Source Heat Pump Installation

Summary:

This course is designed to provide installers with the knowledge and skills to provide high quality heat pump installations.

Course content:

Air source heat pump principles, system design, quality installations, and after sales market maintenance and repair.

Entry requirements:

This course is aimed at experienced heating engineers and heat pump installers who want to install Dimplex heat pumps. Other trades such as electricians, specifiers and building professionals can attend the course but will not be accredited.

Information:

| | |
|---------------|---|
| Length | 3 days |
| Start Date(s) | Various |
| Fee | £450 |
| Course Code | C1083 |
| Location | Plumbing Technology Centre, Kempston |

Efficiency & Energy for Domestic Heating Certificate

Summary:

This course will provide individuals with a good understanding and awareness of energy efficiency and its implementation. On successful completion individuals will receive a nationally recognised certificate as evidence of their training.

Course content:

Awareness and understanding of the need to adopt energy efficient measures, promoting energy efficient options to consumers, and practical solutions to improve energy efficiency.

Entry requirements:

Suitable for gas safe installers or those with a Level 3 plumbing qualification.

Information:

| | |
|---------------|---|
| Length | 2 days |
| Start Date(s) | Various |
| Fee | £240 |
| Course Code | C426 |
| Venue | Plumbing Technology Centre, Kempston |

Rainwater Harvesting Systems Certificate

Summary:

This course is designed to meet the requirements for the installation of rainwater harvesting systems currently used in the UK.

Course content:

Health and safety requirements, rainwater installations and calculations, criteria for rainwater quality, and commissioning/maintenance and fault-finding.

Entry requirements:

This course is suitable for individuals who have experience within the plumbing and drainage industry. Ideally individuals should have, or be currently studying for, a Plumbing NVQ Level 3.

Information:

| | |
|---------------|---|
| Length | 2 days |
| Start Date(s) | Various |
| Fee | £350 |
| Course Code | C1084 |
| Venue | Plumbing Technology Centre, Kempston |

Renewable Energy Certificate

Summary:

This course is designed to provide individuals with a base level of knowledge in the principles and capabilities of various renewable energy products and systems.

Course content:

Introduction to renewable energy, solar thermal water heating, biomass heating systems, heat pumps, wind power, photo-voltaics, and micro-hydro power.

Entry requirements:

There are no entry requirements.

Information:

| | |
|---------------|---|
| Length | 3 days |
| Start Date(s) | Various |
| Fee | £355 |
| Course Code | C1223 |
| Venue | Plumbing Technology Centre, Kempston |

Solar Domestic Hot Water Installation Certificate

Summary:

Developed in partnership with the Solar Trade Association, this course introduces the installation and maintenance of solar hot water heating systems, and is a requirement of the new minimum technical competency document for solar installers.

Course content:

Introduction to solar heating, solar collectors, hot water storage and key installation issues, fitting solar collectors, plumbing layout and design, control and power requirements, and system commissioning and hand over.

Entry requirements:

Qualified plumbers or those who are working towards or have achieved a Plumbing NVQ Level 3 qualification.

Please note: You must possess an unvented hot water competency card prior to attending.

Information:

| | |
|---------------|---|
| Length | 2 days |
| Start Date(s) | Various |
| Fee | £305 |
| Course Code | C868 |
| Venue | Plumbing Technology Centre, Kempston |

Underfloor Heating Certificate (Design)

Summary:

This course provides an understanding of the installation and maintenance of underfloor heating systems, and covers the safety protocols surrounding the process.

Course content:

Legislation, design layout and installation.

Entry requirements:

A recognised plumbing or heating qualification, or experience of plumbing and heating systems.

Information:

| | |
|---------------|---|
| Length | 2 days |
| Start Date(s) | Various |
| Fee | £295 |
| Course Code | C685 |
| Venue | Plumbing Technology Centre, Kempston |

Underfloor Heating Certificate (Installation)

Summary:

This course provides an understanding of the installation and maintenance of underfloor heating systems, and covers the safety protocols surrounding the process.

Course content:

Commissioning and fault finding, controls, and calculating and costing.

Entry requirements:

A recognised plumbing or heating qualification, or experience of working on plumbing and heating systems.

Information:

| | |
|---------------|---|
| Length | 2 days |
| Start Date(s) | Various |
| Fee | £390 |
| Course Code | C686 |
| Location | Plumbing Technology Centre, Kempston |



We also offer Apprenticeships in the plumbing industry. For more information call our business development team on **01234 291000**.