



Domestic Retrofit in Practice Two-Day Workshop

CPD Certified

Course Specification

Domestic Retrofit in Practice is a two-day practical training programme introducing the key principles and techniques involved in improving the energy performance of homes. The course combines essential theory with hands-on learning to help participants understand how buildings perform and how retrofit measures can reduce energy demand, improve comfort and support the transition to low-carbon housing.

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Introduction to Apex Training

Apex Training is the training arm of The Verdancy Group, delivering accredited green skills programmes across Scotland and the wider UK. We specialise in practical, industry-focused learning that supports individuals and organisations to develop the knowledge required for the transition to a low-carbon built environment.

Training is delivered online, in our Apex Training Centres and through partner venues, with options for employer-based delivery where suitable. All programmes are led by practising industry specialists to ensure alignment and compliance with current standards, regulations and sector expectations.

About The Verdancy Group and The CPD Certification Service

The Verdancy Group is a specialist provider of green skills training, consultancy, sustainability education, and workforce development. Our programmes are designed to meet emerging industry needs and support national and regional net zero goals.

The CPD Certification Service is an independent organisation that provides accreditation for training courses, workshops, seminars and other forms of professional learning. Established in 1996, it works with training providers, universities, professional bodies and organisations across more than 100 countries to ensure that learning activities meet recognised standards for Continuing Professional Development (CPD). CPD accreditation involves an impartial assessment of course content, structure and learning value, giving participants confidence that the training contributes meaningfully to their ongoing professional development and skills growth.

Domestic Retrofit in Practice Two-Day Workshop

Overview

Domestic Retrofit in Practice is a two-day practical training programme designed to build understanding of the principles and techniques used to improve the energy performance of homes. As the UK accelerates efforts to decarbonise its housing stock, the need for professionals who understand how buildings perform and how retrofit measures are applied has become increasingly important. This course combines essential theory with hands-on learning to help participants understand building performance and how retrofit interventions such as insulation, airtightness, ventilation and renewable technologies can reduce energy demand, improve comfort and support the transition to low-carbon housing.

Duration

The programme is delivered over two days (approximately 12 hours of guided learning) and includes a mixture of classroom learning, practical demonstrations and group activities.

Who Is This Course For?

There are no formal entry requirements for this course. It is designed for individuals working in housing, construction, sustainability or energy efficiency who wish to develop their understanding of domestic retrofit. The programme is particularly relevant for housing officers, energy advisors, local authority and housing association staff, construction professionals, and those beginning their journey into the retrofit sector.

Materials And Certification

Participants will receive supporting course materials, including presentation slides and learning resources to support ongoing reference after the training. Throughout the programme, reflective exercises and practical activities are used to reinforce learning and encourage participants to apply the concepts covered.

Upon successful completion, participants will receive a CPD Certified Certificate of Completion issued by The Verdancy Group.

Assessment

Assessment is carried out through a combination of practical observation, participation in group activities, and reflective learning exercises throughout the course. Participants complete short reflective notes and contribute to case study discussions and practical tasks, allowing trainers to assess understanding of key retrofit principles and their application in practice. Successful completion is based on active participation and engagement across both days of the programme.

Progression After This Course

After completing this course, participants may choose to progress into further training in domestic retrofit and energy efficiency. This may include specialist qualifications or professional development in areas such as retrofit assessment, retrofit coordination, insulation and building treatments, or renewable energy technologies.

Course Structure and Learner Outcomes

The course is structured around a series of themed learning sessions that combine presentations, demonstrations, practical exercises and case study activities.

The structure is designed to introduce key principles of domestic retrofit and allow participants to apply this knowledge through hands-on tasks and group discussions.

The course is organised around the following core learning areas:

Whole house retrofit and building physics

Insulation and building treatments

Whole house retrofit and building physics

Airtightness and ventilation

Whole house retrofit assessment and case study application

By the end of the course, learners will be able to:

- Understand the principles of whole house retrofit and basic building physics, including how heat is lost and retained in buildings
- Identify and describe common insulation and building treatment approaches used to improve the thermal performance of homes
- Recognise the role of renewable technologies within domestic retrofit projects
- Explain the importance of airtightness and appropriate ventilation in maintaining energy efficiency and indoor air quality
- Contribute to the assessment of a property for potential retrofit measures using a fabric-first approach

Version History

Version	Date	Summary of Changes	Actioned By	Reviewed / Approved By
Version 1.0	March 2026	First publication of the Award Specification for the Domestic Retrofit in Practice Two-Day Workshop.	Apex Training (Author)	Verdancy QA Lead

Document Control Statement

This document is maintained by Apex Training, part of The Verdancy Group. All updates are recorded through internal quality assurance procedures. The most recent version of this specification supersedes all previous versions.



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