

Retrofit Advisor and Domestic Energy Assessor Bootcamp

Course Overview

This comprehensive 12 week bootcamp is designed to equip participants with the skills and knowledge necessary to excel as a **Retrofit Advisor** and **Domestic Energy Assessor (DEA)**. The program focuses on the principles of retrofitting, energy efficiency, and building energy performance assessments in compliance with the latest industry standards and regulations.

This course is ideal for those who are looking to advance their skills and qualifications in energy efficiency, with a clear pathway to becoming a certified professional in the green industry

Please note: This is an intensive 4 day a week course, Mondays to Thursdays 09.30-15.30

What level is the course and do I require particular skills, experience or prior qualifications?

The **Retrofit Advisor and Domestic Energy Assessor Bootcamp** offers training at two distinct levels:

Level 2 Understanding Domestic Retrofit provides foundational knowledge and hands-on experience in domestic retrofit and PAS 2035 framework. It combines theoretical understanding with practical application, including site visits, employers networking to give participants a real-world perspective on retrofitting homes for improved energy efficiency.

Level 3 Domestic Energy Assessor provides comprehensive training to qualify you as a DEA. The course combines in-depth theoretical knowledge with practical, hands-on experience to prepare participants for conducting professional Energy Performance Certificate (EPC) assessments in accordance with UK regulations.

You don't require previous experience or qualification, but you should have Level 2 English or above, have good computer skills, and be able to understand and follow complex verbal instructions.

What topics does the course cover?

- Introduction to Retrofit Assessments
- Basics of Building Envelope and Energy Efficiency
- Building Fabric
- HVAC Systems and Energy Management
- Certification, Compliance, Rules and Regulation
- Planning and Managing Retrofit Projects
- Monitoring and Maintaining Energy Performance

- Purpose and importance of EPCs in the housing sector
- Legal requirements for EPCs under the Energy Performance of Building Regulations
- Heat loss and gain
- Understanding the RdSAP methodology for energy assessments
- RdSAP Software

How will I be Taught and assessed?

You will be taught using a range of techniques including short lectures, workshops, demonstrations, site visits and by completing practical exercises.

The course is assessed with an internal assessment by portfolio of evidence.

Are there any other cost or equipment I need to get?

A pen or pencil and notebook for taking notes.

By the end of the course what should I be able to do?

- You will be able to create a retrofit assessment
- You will understand the basics of building envelope and energy efficiency
- You will be able to apply PAS 2035 standards when conducting a retrofit report for domestic properties
- You will understand what a building fabric is
- You will know what a HVAC system is and how to control the energy management
- You will know what the certification, compliance, rules and regulation are
- You will understand the planning and managing retrofit projects
- You will know how to monitor and maintaining energy performance
- You will be able to perform EPCs for domestic properties

What are the progression opportunities?

On successful completion of the Retrofit Advisor and Domestic Energy Assessor Bootcamp, learners may progress directly into employment as a Retrofit Advisor, Retrofit Assessor or Domestic Energy Assessor or progress onto higher learning in the Retrofit field, such as the AIM Qualifications Level 4 Diploma in Retrofit Coordination and Risk Management.

<https://www.waes.ac.uk/courses/cat/gsk/retrofit/C0144/>