metaverse®
LEARNING

Overview

Learners discover the processes involved in the assessment, design and installation of improvements to a range of existing residential building types.

Learn more ›

Contents

Virtual scenarios
▶ **Introduction to Retrofit**
▶ **Assessment of a property**
▶ **Design of a bungalow**
▶ **Design of a terraced house**
▶ **Installation of building fabric measures**
▶ **Installation of building services**

Learning outcomes

By completing this program, it is expected that learners will:

- Have a greater understanding of Retrofit principles and concepts
- Have increased confidence when working with Retrofit equipment
- Develop a systematic approach to assessing a property and locating existing defects
- Have the ability to identify where modifications and improvements can be made

- Demonstrate capability in designing the specifications and features of a retrofit
- Have a greater understanding of how to perform a retrofit installation in a property
- Demonstrate knowledge of how to conduct a Retrofit Assessment and complete an Energy Performance Report

Standards supported

The program has been designed by our partners to align with Occupational Standards.

Program Partners

This program was developed in partnership with the following organisations:

mXreality · Ascentis Awarding Organisation · Blackburn College · Brooklands College · BCoT Basingstoke College of Technology

Cardiff and Vale College Coleg Caerdydd a'r Fro · exeter college · Farnborough College of Technology · HARLOW COLLEGE · Herefordshire Ludlow & North Shropshire College

LONDON SOUTH EAST COLLEGES · EAST SURREY COLLEGE · SPARSHOLT COLLEGE HAMPSHIRE · Vision West Nottinghamshire College · West London College

PETROC · Nescot

Retrofit

`Virtual Reality`   `Virtual Environment`   `Augmented Reality`