EAST SUSSEX COLLEGE

TRAINING HUB

Working towards a carbon neutral future.

# Training Hub Update

# Introduction

TAKING STEPS TOWARDS A MORE SUSTAINABLE FUTURE

Training Hub opened October 2022.

Education and Training in Renewable Technologies, Retrofit and Understanding Sustainability & Decarbonisation.

E learning courses live now.

Technical courses live from Jan 2023.

bpec

City & Guilds

# Renewable Technologies

Photovoltaic panel installation

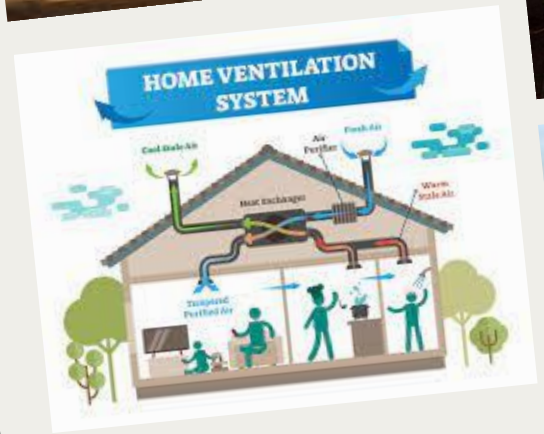
Heat Pump installation

Solar thermal system installation

Electric Vehicle charger installation

Electric Vehicle maintenance and repair

# Retrofit Design & Specification



RETROFIT ACADEMY CIC

Level 2 Award in Understanding Domestic Retrofit

Level 3 Award in Domestic Retrofit Advice

Level 4 Award in Domestic Retrofit Assessment

Level 5 Diplopma in Retrofit Co-ordination and Risk Management

# Online Learning

Working towards a carbon neutral future.

## Environmental Sustainability

The first important step in supporting the race to net zero. This course has been developed as an introduction to sustainability and focuses on sustainable development goals, outcomes from COP26, impacts of greenhouse gas emissions and the solutions need to identify and manage carbon footprints.

## Solar Power & PV Systems

A short course introducing the theory, concepts and the science behind solar and photovoltaic energy and hot water (solar thermal) systems. You will study the different types of solar cells, how they work, and how they are installed.

## Heat Pump Technology

A short course introsducing the theory, concepts and the science behind heat source pumps, including air-to-air, air-to-water and ground source heat pumps. Explore their workings, installation and how green funding can be accessed to accelerate their deployment.

## Wind Power Technology

A short course introducing the theory, concepts and the science wind turbines and renewable wind energy. Includes learning about the how they work, how they are installed and how green funding can be accessed to accelerate their deployment.

## Retro-Fitting Technologies

This course introduces the theory and practices employed in retrofitting homes. It will include a review of Energy Performance Certificates (EPC) and the practical steps that can be used to improve energy performance, with a focus on insulation, fenestration (glazing), damp proofing and draft proofing in housing.

## Understanding Decarbonisation

This course has been designed to provide in-depth learning and insight into the historical causes of climate change, including the key scientific evidence of greenhouse gas emissions. You will study the impacts and the solutions that are being deployed to limit global temperature rises to 1.5 Celsius in the race to net zero.

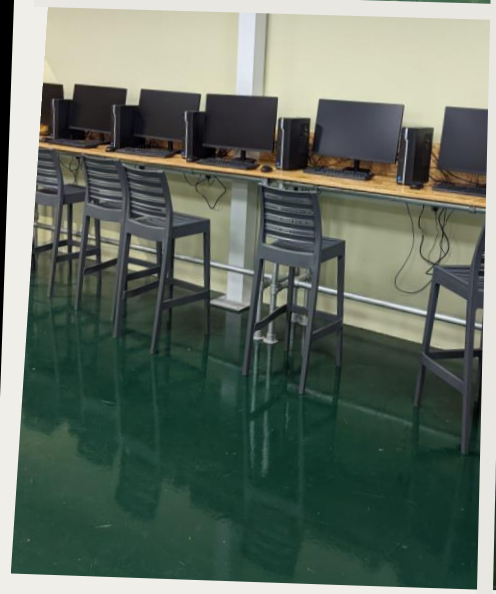
# Course Costs

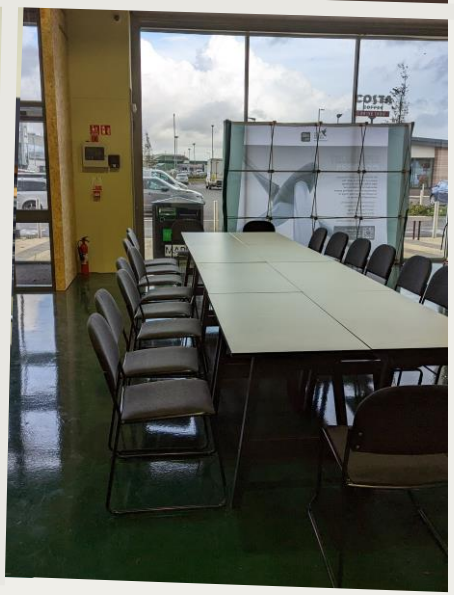
Renewable Technology courses range from £320 (EV charging) to £850 (Heat pump/PV)

Retrofit courses range from £700 to £2000

Online learning ranges from £50 (one course) to £2500 (full suite, multiple users)

Funding support available depending on company and individual learner details.  Talk to us!





Thank You
Any Questions?