



Action for Warm Homes

NEA/City & Guilds Level 3 Award in Energy Awareness 6281-01 Open Access Training

This three-day course leading to the NEA/City & Guilds 6281-01 Level 3 Award in Energy Awareness has been running for 30 years reaching more than 26,000 people. This remains NEA's most popular course for energy efficiency advisers.

Open Access Training Dates

Location	Course Dates			Exam Dates
	Day 1	Day 2	Day 3	
2020	Mon	Tues	Wed	Tues
Belfast	3 rd	4 th	5 th	11 th

*This course can also be delivered in-house to organisations wishing to train a group of staff.

Please note that course and exam dates are provisional and may change depending on demand. Further details and updates will be sent to those booked onto a course and final confirmations are usually sent out approximately two weeks prior the course start date.

COURSE AUDIENCE

This course is designed for staff involved in providing householders with energy efficiency advice either face-to-face or by telephone.

PRE-REQUISITE

No prior knowledge of the subject is required, however, as this is a level 3 qualification delegates will require basic literacy and numeracy skills. The course will include written activities as well as calculating fuel bills; calculating running costs of electrical appliances and converting temperatures using simple formulas which will be provided.

COURSE AIM

The course aims to provide delegates with an understanding of energy advice and the knowledge required to deliver energy advice to householders.



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COURSE OBJECTIVES

Explain:

- ✚ the efficiency and appropriate use of heating and hot water appliances and systems and the functions of the controls
- ✚ domestic fuel cost data using the Sutherlands heat cost tables
- ✚ how to record gas and electricity consumption and work out costs
- ✚ payment options for gas and electricity
- ✚ insulation methods for improving the energy efficiency of a range of building types
- ✚ Government assistance to help householders improve the energy efficiency of their homes
- ✚ the causes of condensation dampness, how to avoid condensation and remedial actions to combat existing condensation

DURATION

Three days training plus a one-day examination.

COURSE CONTENT

The course is delivered over three days. Below is a list of the topics covered during each day.

DAY ONE

- ✚ Introduction to the course;
- ✚ Fuel poverty and health;
- ✚ Basic principles of energy in the home;
- ✚ Temperature conversions
- ✚ Heating appliances and systems
- ✚ Heating and hot water systems
- ✚ Control for heating and hot water systems
- ✚ Setting programmers/ timers
- ✚ Mock simulation exercise



Day Two

- ✚ Calculating electricity consumption of appliances and calculating costs
- ✚ Measuring electricity and gas consumption and calculating costs
- ✚ Fuel bills



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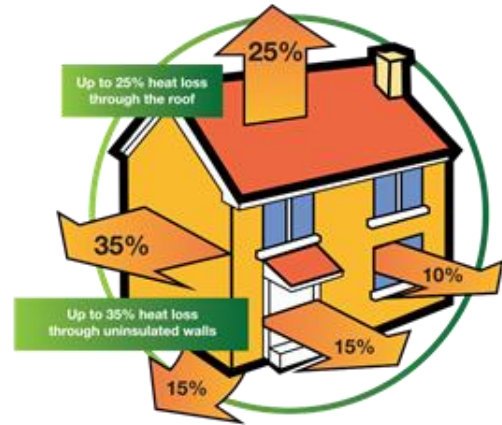


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- ✚ Comparative costs of fuels and heating systems using the Sutherland heat cost tables
- ✚ Fuel payment methods and fuel debt
- ✚ Renewable energy
- ✚ Mock simulation exercise
- ✚ Mock practical

Day Three

- ✚ Measuring energy efficiency of dwellings– Standard Assessment Procedure (SAP) and Energy Efficiency Certificate (EPC)
- ✚ Heat loss
- ✚ Insulation
- ✚ Energy efficiency schemes/ grant aid
- ✚ Dampness and condensation



EXAM OUTLINE

Assessment will consist of a one-day examination split into the following four sections:

Written Paper One

- ✚ Home Heating
- ✚ Bills, Meters and Paying for Fuel

Written Paper Two

- ✚ Cutting Down Heat Loss
- ✚ Condensation and Dampness

Practical Test

- ✚ Calculating running costs of household appliances
- ✚ Setting central heating programmers

Simulation

- ✚ Energy advisor role-play



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