



Local, Regional
and National

ENERGY EFFICIENCY COURSES

for TRADES,
PROFESSIONALS
and NEW ENTRANTS



As more energy efficiency measures and government guidelines on carbon reduction come into force, the way you currently work may need to change. This may mean that you will require additional training or certification to undertake some types of work. The indications are that demand for this type of work is going to grow significantly and there are real opportunities for local businesses who incorporate energy efficiency into their skill sets.

This leaflet sets out the currently available local, regional and national courses for trades and professionals to upskill and provides a range of routes for new entrants to the construction sector in the Fast Track section.

Indications are that all Trades and Professionals will need to be part of an Accreditation or Quality Assurance Scheme to undertake future works. A separate leaflet is available outlining current routes – please contact Scottish Borders Construction Forum (*details on back page*) for a copy.

LOCAL UPSKILLING AND INFORMATION COURSES FOR TRADES AND PROFESSIONALS

KEY:

COURSE TITLE	
Provider	Link
Cost	Application procedure
Timescale	Qualification
Entry Requirement	
Description	

If you would like to visit The STEM Hub in Hawick to take a look at the TECHNOLOGY AND LEARNING SUITE please email debi@borderscollege.ac.uk

VISITS TO THE STEM HUB ARE FREE FOR ALL TRADES AND PROFESSIONALS

EXTERNAL WALL INSULATION SYSTEMS

Borders College	www.borderscollege.ac.uk/greenskills
New Course - coming soon	Please email debi@borderscollege.ac.uk
tbc	College Certificate

This course will be suitable for trades who are providing energy efficiency upgrades to properties, or any person interested in upgrading properties to save energy and improve levels of comfort in older buildings.

This course will explore external insulation systems and how they are used to increase energy efficiency in properties. An introduction to the products available from Wetherby and the selection of the most appropriate products. The course will also feature practical installation of the insulation and render products.

INTRODUCTION TO AIRTIGHT CONSTRUCTION AND TESTING

Borders College	www.borderscollege.ac.uk/greenskills
£120**	Please email debi@borderscollege.ac.uk
6 hours	College Certificate

Candidates with an interest in sustainable and modern methods of construction, and any trades that are involved with new build properties will gain valuable knowledge from this course.

This course will outline the concepts of airtight construction for buildings. The prevention of uncontrolled air leakage from buildings. Prevention of heat loss, and improvement of indoor air quality and comply with building regulations. The course will also cover the testing of building using the Retrotec fan system.

MECHANICAL VENTILATION HEAT RECOVERY SYSTEMS

Borders College	www.borderscollege.ac.uk/greenskills
£120**	Please email debi@borderscollege.ac.uk
6 hours	College Certificate

Candidates with an interest in ventilation and indoor air quality, and those trades involved in new build projects will benefit from this awareness course.

The course will cover the requirements for ventilation in properties and explore whole house ventilation systems. Mechanical ventilation with heat recovery increase overall energy efficiency of the home and provide excellent indoor air quality. System design, installation, running and maintenance of MVHR systems are covered in this course.

RENEWABLES HEAT PUMP INSTALLER (AIR SOURCE & GROUND SOURCE)

Borders College	www.borderscollege.ac.uk/greenskills
£600**	Please email debi@borderscollege.ac.uk
4 days	BPEC Heat Pump

Candidates should hold a formal qualification at SVQ Level 3 in plumbing or heating engineering or are currently undertaking a course in plumbing or heating engineering which will lead to a formal qualification at SVQ Level 3. Unvented hot water and Water bylaws certificates are also required.

This course is designed for operatives within the plumbing, heating and renewable industries. It is designed to provide you with the skills to design, install and commission ground source, and air source heat pumps. The course will include underpinning knowledge classroom sessions, practical activity and written assessment.

MCS Route

EV CHARGE POINT INSTALLATION

Borders College	www.borderscollege.ac.uk/greenskills
£360**	Please email debi@borderscollege.ac.uk
12 hours	City and Guilds EV Charge Point

Candidates must be over 18 years of age and be able to demonstrate the following competencies: Be able to correctly install and terminate PVC/PVC cable (twin and earth) and Steel Wire armoured cable (SWA); Be able to carry out an initial verification (inspection & testing) on an electrical installation and complete the necessary paperwork. (These competencies are required for the assessment and are not taught as part of the course.) Candidates are also required to bring the current edition of the IET Standards Code of Practice for Electric Charging Equipment Installation with them.

This course is designed to improve awareness amongst current contractors who are involved in the electrical industry or the design, upgrade and maintenance of private and public buildings. The scope of the course covers safety aspect in relation to battery storage systems, installation options along with outlining the maintenance and efficiency of this type of installation.

MCS Route

ENERGY BATTERY STORAGE AWARENESS

Borders College	www.borderscollege.ac.uk/greenskills
£120**	Please email debi@borderscollege.ac.uk
6 hours	College Certificate

Electricians must hold appropriate industry recognised qualifications at SVQ level 3 or equivalent.

This course is designed to improve awareness amongst current contractors who are involved in the electrical industry or the design, upgrade and maintenance of private and public buildings. The scope of the course covers safety aspect in relation to battery storage systems, installation options along with outlining the maintenance and efficiency of this type of installation.

** There may be a range of funding available to suit your needs. Please email debi@borderscollege.ac.uk for details

INTRODUCTION TO THERMAL IMAGING FOR CONSTRUCTION AND ENGINEERING

Borders College	www.borderscollege.ac.uk/greenskills
£120**	Please email debi@borderscollege.ac.uk
6 hours	College Certificate

This course is tailored to local businesses, whether they be business leaders, sole traders or anything in between, who are looking to be informed on the benefits of using thermal imaging to assess efficiency, quality and troubleshooting. An excellent tool within all the trades, including: Plumbers Joiners Electricians Brick layers, Ventilation specialists

Thermal imaging enables you to see surface temperature patterns. This is a non-invasive diagnostic tool that can help in many areas. Thermal imaging can see heat loss from buildings, water leaks without causing any damage to internal or external structures. It can also be used to diagnose electrical and mechanical faults, insulation efficiency or optimal insulation locations, faults in solar photo voltaic panels and numerous other causes.

SOLAR HOT WATER SYSTEMS

Borders College	www.borderscollege.ac.uk/greenskills
£600**	Please email debi@borderscollege.ac.uk
4 days	BPEC Solar Thermal

Candidates must hold an SVQ level 3 in plumbing and heating or equivalent qualification. This training is designed for Tradespeople to be able to install solar hot water systems for new builds and retrofit situations.

This accredited training course will cover the design, installation and commissioning of Solar thermal hot water systems. The course is fully mapped against the National Occupational Standards and is recognised by all bodies offering routes to the Microgeneration Certification Scheme (MCS) as evidence of suitable training.

MCS Route

UNVENTED HOT WATER SYSTEMS

Borders College	www.borderscollege.ac.uk/greenskills
£220**	Please email debi@borderscollege.ac.uk
6 hours	BPEC Unvented Hot Water

Candidates must hold or be working towards a SVQ3 in plumbing and heating

This course aims to help plumbers and heating engineers who want to install Vented and Unvented Domestic Hot Water Storage Systems to comply with the appropriate Building Regulations and Standards. The accredited training is a prerequisite for other training courses such as heat pump systems.

MCS Route

SMART TECHNOLOGIES - INTRODUCTION TO DIGITAL SMART HOMES

Borders College	www.borderscollege.ac.uk/greenskills
£220**	Please email debi@borderscollege.ac.uk
6 hours	College Certificate

Electricians (must hold appropriate industry recognised qualifications at SVQ level 3 or equivalent).

This course is an introduction to various Smart Devices available which can all be integrated into existing homes. The aim of this short introduction is to allow candidates to become familiar with these devices on the market, and also how these can be installed, programmed and controlled. A basic small home is used to showcase the simulated application of these devices.

DRONE SAFETY AWARENESS

Borders College	www.borderscollege.ac.uk/greenskills
£130**	Please email debi@borderscollege.ac.uk
3.5 hours	College Certificate

In light of the regulations regarding drone use tightening, this course will inform both current/potential recreational and commercial drone users of the steps they should take to fly legally. This is not a course to allow you to fly a drone commercially but it will inform on the basics of safe and legal flight, and highlight the steps to be taken by both recreational and commercial drone users. Drone ownership is not required for this course, it is not a flight course but an overview of the aspects required for safe flight, including: Legislation and standards, Civil Aviation Authority registration, Airspace, Responsibilities, Weather, How to obtain permission for commercial operation (PfCO)

In light of firmer regulations regarding the registration and use of unmanned aerial vehicles and in order to keep members of the public safe, it is essential that you are up to date on the requirements of safe flight.

18TH EDITION

Borders College	www.borderscollege.ac.uk/greenskills
£370**	Please email debi@borderscollege.ac.uk
20 hours	City & Guilds 18th Edition

The course is a blend of both online and face-to-face delivery to help support local employers manage the day-to-day running of their business and support and upskill their operatives to the new 18th Edition Wiring Regulations, which come into force in January.

The course will involve an initial induction to the course requirements, introduction to the changes to BS7671 and familiarisation with the Virtual Learning Environment (VLE) where the learning resources will be located. This will be undertaken during a 3-hour evening class at the Borders College campus in Galashiels. Practice questions papers will be accessible online along with the course study notebook, which will be included in the overall fee. It is expected that candidates undertake at least 15 hours of self-study in preparation for the 2-hour multiple-choice exam 3 weeks after enrolment. Distance support will be available through the VLE, along with a discussion forum to discuss parts of the course with the other candidates and share best practice.

IMI AWARD IN ELECTRIC/HYBRID VEHICLE AWARENESS

Borders College	www.borderscollege.ac.uk/greenskills
£220**	Please email debi@borderscollege.ac.uk
6 hours	College Certificate

This course is for non-technical staff, such as sales and parts advisors, valeters, managers, paramedics, and professional drivers, to gain an awareness of Electric/Hybrid vehicles to enable them to continue to work safely in their roles. It is also suitable for members of the general public looking to gain an awareness of Electric or Hybrid vehicles.

The course is designed to provide learners with an introduction to the knowledge of safe working practices, the dangers surrounding and the precautions required to avoid potential injury when near Electric/Hybrid vehicles. This knowledge course DOES NOT deem someone competent to work on the high-energy electrical system of an electric and hybrid vehicle.

PAT TESTING

Borders College	www.borderscollege.ac.uk/greenskills
£340**	Please email debi@borderscollege.ac.uk
2 days	City & Guilds PAT Testing

Candidates must be over 18 years of age and be able to demonstrate the following competencies*: - Be able to correctly install and terminate PVC/PVC cable (twin and earth) and Steel Wire armoured cable (SWA); Be able to carry out an initial verification (inspection & testing) on an electrical installation and complete the necessary paperwork. **(These competencies are required for the assessment and are not taught as part of the course.)*

This qualification is aimed at practicing electricians interested in understanding how to install the range of equipment and systems available for the charging of EV's. It covers the specialised installation requirements of electric vehicle charging equipment in public, private and commercial locations including exclusive guidance on electrical requirements.

LEVEL 2 NVQ - THERMAL INSULATION

Target Zero Training	www.targetzerotraining.co.uk
£1,020	Apply online
2-3 months	NVQ Level 2 Thermal Insulation

The qualification is open to anyone already working in construction and suitable for those wishing to advance their career and apply for the CSCS relevant card.

As this is a vocational qualification, all assessment is completed on site, minimising time away from the workplace, therefore the candidate will need to be in the role to undertake the qualification. All NVQs from level 2 to level 7 are conducted in the same manner, the evidence will differ. Our Assessor will guide and support candidates through to achievement of the qualification which will take approximately 2 to 3 months.

All course details are correct as of July 2022

UPSKILLING COURSES FOR TRADES AND PROFESSIONALS

IN SCOTLAND

PRINCIPLES OF METERING FOR RENEWABLE HEAT

Nationwide Training Services	www.nationwide trainingservices.co.uk
price on application	email: info@nationwide trainingservices.co.uk
1 day (in Livingston)	LCL Level 2 MCS Route

No formal qualification requirements, but any learner looking to undertake this qualification should be involved in the Renewables heating industry and should have a basic understand of the legislation and requirements affecting the renewable heat sector including the RHI. Learners should also have a sound knowledge and understanding of common renewable wet heating and hot water technologies and systems.

This qualification is aimed at all staff involved in the selection, positioning or installation of heat meters in accordance with MCS Domestic RHI Metering Guidance and covers the knowledge and understanding of the requirements for metering renewable heat installations, including how to select, position, install and commission heat meters and components. This qualification has been designed and led by industry including DECC, Ofgem, Beama, Hetas, Summit Skills and MCS.

ENERGY EFFICIENCY FOR GAS FIRED AND OIL FIRED DOMESTIC HEATING AND HOT WATER SYSTEMS

Nationwide Training Services	www.nationwide trainingservices.co.uk
price on application	email: info@nationwide trainingservices.co.uk
1 day (in Livingston)	LCL Level 3 MCS Route

None, but the target group for this qualification are those learners who are; Heating Engineers, Design Engineers and operatives in the Building Services Industry.

This qualification is designed to enable learners to understand, and be competent when carrying out the design of heating systems in accordance with Approved Document Part L of the Building Regulations 2021 edition. This is a CPD unit designed for operatives working within the Building Engineering Services Industry and is a pre-requisite to some other qualifications in the Renewables sector.

BIOMASS INSTALLER

HETAS	https://atc.energy/courses/h005de-direct-entry-biomass-appliance-installer/
£1,410	Apply online
5 days in Aberdeen	HETAS MCS Route

This course is aimed at qualified Plumbers and Heating Engineers (or those through an experienced worker route - see website for details) who wish to install, service and maintain biomass appliances.

The H005DE (Direct Entry) Biomass Installer Course focuses on appliances up to 45kW heat input rating including log, pellet and chip appliances; however, the course content is typically also relevant to larger appliances up to 100kW heat input rating.

INSTALLATION, COMMISSIONING AND MAINTENANCE OF WOOD PELLET BURNING APPLIANCES

Nationwide Training Services	www.nationwide trainingservices.co.uk
price on application	email: info@nationwide trainingservices.co.uk
4 days (in Livingston)	LCL Level 3 MCS Route

N/SVQ Level 2/3 in either Plumbing, Heating and Ventilating, Oil-Fired Technical Services, Gas Installation and Maintenance, approved equivalent, JIB-PMES/ CSCS card or Engineering Services SKILL card or have the equivalent working experience. Or:- Hold a gas, oil or solid fuel qualification that will enable registration with a Competent Persons Scheme (CPS) to notify heat producing central heating appliances installed in compliance with Building Regulation Approved Document J, and a current industry-recognised qualification in Water Regulations and Energy Efficiency if not included in the qualifications above.

The objective of this qualification is for learners to demonstrate they are competent in the installation, commissioning and maintenance of wood pellet burning appliances in accordance with legislation, regulations and industry standards to; Understand the Requirements to Install, Commission and Maintain Wood Pellet Burning Appliances. Install, Commission and Maintain Wood Pellet Burning Appliances.

MICRO CHP

BAXI	www.baxi.co.uk/trade/training-courses/specialist-training-courses/baxi-ecogen-micro-chp
£180	Apply online
1 day in Glasgow	BAXI certificate MCS Route

The candidates will be required to be Gas Safe registered and hold ACS elements CCN1, CEN1/ CENWAT and CPA1 as a minimum.

This training course carries a nationally recognised qualification that can be used as evidence by installers seeking Micro Generation Certification Scheme (MCS) for the Baxi Ecogen micro-CHP (combined heat and power) technology.

■ **SVQ Insulation and Building Treatments (Construction) SCQF levels 5 and 6** – This Edinburgh College course is currently under development and should be available from Autumn 2022. The course will be open to new entrants with no experience and to qualified trades as a shorter module. Check their site for details www.edinburghcollege.ac.uk/

INSTALLATION AND MAINTENANCE OF SMALL SCALE SOLAR PHOTOVOLTAIC SYSTEMS

Nationwide Training Services	www.nationwide trainingservices.co.uk
price on application	email: info@nationwide trainingservices.co.uk
3 days (in Livingston)	LCL Level 3 MCS Route

A Level 3 Electrotechnical N/SVQ qualification or equivalent plus a current Level 3 qualification in the Requirements for Electrical Installations BS7671:2018. Or be a member of the recognised competent persons scheme (CPS) as a Qualified Supervisor having met the requirements of the electrotechnical assessment specification (EAS).

This regulated qualification is for those wishing to achieve a nationally recognised qualification in the installation and maintenance of small scale grid tied Photovoltaic systems. This qualification is based upon the National Occupational Standards as published by industry and is recognised by the Micro generation Certification Scheme registration bodies as an acceptable qualification to join the scheme.

ENERGY EFFICIENCY PART L

1st Class Gas	www.1stclassgas.com/renewables
£252	email fiona@1stclassgas.com
1 day in Glenrothes	BPEC MCS Route

Course is designed for experienced plumbing or heating engineers.

This course is designed for experienced central heating installers (gas, oil, solid fuel) who need to self-certify their work via one of the Competent Persons Schemes and covers the requirements of Part L of the Building Regulations (England). The qualification is also a pre-requisite for anyone wishing to undertake the Domestic Heat Pumps course.

DOMESTIC VENTILLATION INSTALLER

PAUL Heat Recovery	www.paulheatrecovery.co.uk/services/bpec-course-on-domestic-ventilation/
£414	email: info@paulheatrecovery.co.uk
2 days in Dunfermline	BPEC

Candidates with a number of years' experience in plumbing, heating, electrical engineering or ventilation. Candidates who hold a formal qualification at NVQ Level 3 in plumbing, heating or electrical engineering or Apprentices who are currently undertaking a course which will lead to a formal qualification such as the above mentioned NVQ 3 level. Merchants

Having extensive experience with ventilation for high-performing dwellings and commercial buildings, we are training in best practice in specification, materials, installation and maintenance. With different ducting types and MVHR systems on display, the training will be hands-on, as well as showing the theory of domestic ventilation methods.



NATIONAL UPSKILLING COURSES FOR TRADES AND PROFESSIONALS

SOLAR PV INSTALLATION FOR ROOFERS

NAPIT	www.napittraining.co.uk/courses/solar-pv-installation-for-roofers-training-course
£234	Apply online
1 day in Oldham	Certificate of Attendance

Although there are no prerequisites to attend this course, candidates will need knowledge and experience in roofing.

This training course carries a nationally recognised qualification that can be used as evidence by installers seeking Micro Generation Certification Scheme (MCS) for the Baxi Ecogen micro-CHP (combined heat and power) technology.

VENTED & UNVENTED HOT WATER STORAGE SYSTEMS

NAPIT	www.napittraining.co.uk/courses/vented-unvented-hot-water-storage-systems-course-bp-vuhwss-1
£240	Apply online
1 day in Bristol, Mansfield or Oldham	BPEC Certificate

Candidates must hold a recognised trade qualification or be working towards one. A formal craft qualification e.g. C&G qualification (NVQ/SVQ) Level 3 in heating engineering or plumbing represents the minimum level of qualification required. Candidates who can demonstrate evidence of a number of years' experience of working in the plumbing or heating industry will also be seen to meet the minimum requirements.

This course includes comprehensive training, followed by one practical and two theory assessments. The course will demonstrate competency to the Local Authority Building Control (LABC) Department when submitting Building Control Notices prior to commencing work.

BATTERY STORAGE TRAINING COURSE

GTEC	https://gtec.co.uk/gtec-training-courses/renewable-training-courses/battery-storage-training-course/
£534	Apply online
2 days in North Yorkshire	LCL Level 3 MCS Route

This qualification is aimed at practising electricians, electrical technicians and engineers with experience of electrical installations, and associated inspection and testing. Applicants should be working within the electrical industry and ideally hold a formal level 3 electrical qualification and must hold a current BS7671 qualification.

This qualification covers the installation of dedicated electrical energy storage systems (EES) in accordance with the IET Code of Practice for Electrical Energy Storage Systems. The course will provide detailed theory and practical knowledge enabling you to apply the relevant regulations and guidance when involved with battery storage systems

SOLAR PHOTOVOLTAIC (PV) MAINTENANCE

NICEIC	www.niceic.com/contractor/training-courses/renewables-courses/solar-photovoltaic-(pv)-maintenance
£318	Apply online
2 days in Dunstable	NICEIC Certificate MCS Route

Candidates hold a Level 3 qualification in the installation of solar photovoltaic systems, or equivalent. It is also recommended to have achieved a BS7671 2008 (2015) including 3rd Amendment. The course is ideal for individuals looking to improve their knowledge and understanding of solar photovoltaic systems with a view to applying for Competent Persons/MCS/Green Deal registration.

This course has been designed for individuals looking to demonstrate competence to work on maintaining, repairing, and reporting on solar photovoltaic (PV) systems.

BASIC HEATING AND HOT WATER SYSTEM DESIGN & SPECIFICATION

GTEC	https://gtec.co.uk/gtec-training-courses/plumbing-training-courses/basic-heating-hot-water-system-design-specifications-course/
£342	Apply online
2 days in N. Yorkshire	LCL Foundation Course

This course is aimed at installers who have recently entered the industry or have little or no experience in the area of heating system design.

This Foundation Certification in Basic Heating and Hot Water System Design and Specification (Introduction to Heat Loss Calculations) course will provide a good level of understanding for the design and specification of basic domestic heating systems, as well as size hot water storage cylinders. It is particularly useful for candidates considering moving in to the renewables industry, especially the installation of ground and air source heat pumps, or the underfloor heating industry where accurate heat loss calculations are of paramount importance.

SOLAR PHOTOVOLTAIC

NAPIT	www.napittraining.co.uk/courses/solar-photovoltaic-course-pv-bp-spv-3
£720	Apply online
3 days in Bristol, Mansfield or Oldham	BPEC Solar PV MCS Route

Trainees should hold a formal craft qualification e.g. N/SVQ 3 in Electrical Installation (Building and Structures) or equivalent earlier certification that includes Inspection & Testing or a recognised Part P competence certification that includes Inspection & Testing and a BS7971:2018 Requirements for Electrical Installations (18th Edition) qualification. Trainees can also enrol for the course if they meet the requirements of the Electrotechnical Assessment Specification (EAS). Also by providing 2 year's experience with demonstrable evidence as well as being a member of a Competent Person Scheme (CPS)

The course is designed for experienced electricians and gives the fundamental understanding to be able to design, install, inspect & test and maintain a solar photovoltaic system. It does not cover newer technologies that may be appearing on the market due to improved changes made by manufacturers to their products. The practical element of the course involves the electrical testing required for the system and fitting a panel to an existing simulated roof mounting system. It does not involve work in relation to the roof structure, weight limits, bracket fixing, weather sealing or wind loads

WATER REGULATIONS, WRAS TRAINING

GTEC	https://gtec.co.uk/gtec-training-courses/plumbing-training-courses/water-regulations-wras-training-course/
£222	Apply online
1 day in N. Yorkshire	LCL Awards Certificate MCS Route

This course is aimed at those who ideally have two years of plumbing experience. It is also prerequisite for those looking to move into heat pump installation. Completion of the course will provide you with a certificate showing that you are up to date with the current water regulations

This course covers the Water Regulations (1999) and is a necessary requirement for qualified plumbers (minimum Level 2) looking to join their local water authorities Water Industry Approved Plumber Scheme, one of the plumbing competent person schemes (CPS) and Microgeneration Certification Scheme (MCS) registration bodies.

■ **Retrofit Designer Roles** are open to persons holding Level 5 Diploma / MCIAT including registered Architects, Construction Managers and Building Surveyors with this qualification. Accreditation is required through one of the following professional memberships: CIOB, CIAT, CARE, AABC, RIBA, RICS or RIAS.

■ **High Efficiency Electric Heating and Boilers.** Currently no courses for eco/high energy efficiency electric radiant/panel/storage heating and boilers. There are a number of products that are available from: <https://rointe.com> <https://climastar.co.uk> <https://sunflowltd.co.uk> <https://fischerfutureheat.com> <https://ecostrad.com> Sites listed for information purposes only.

■ **Small and Micro Wind Turbines.** Currently no training courses and most manufacturers have their own installers. If this is an area you would like to work in see approved list here: <https://smallwindcertification.org/certified-turbines/> and advice here: <https://windexchange.energy.gov/small-wind-guidebook#certified>

NATIONAL UPSKILLING COURSES FOR TRADES AND PROFESSIONALS

DOMESTIC RETROFITTING

BRE Academy	https://bre.ac/course/retrofit/
£168	Online course
3 hours	BRE Certificate

This course has no formal requirements. It is suited to those wishing to supplement their understanding of domestic retrofit's key principles and may be of particular use to: Surveyors, Designers, Project Managers, Materials Providers, Installers and Assessors

BRE's Domestic Retrofit course is a first step in upskilling to meet the retrofit demand. The course introduces learners to retrofit, equipping you with knowledge of key technical refurbishment topics that are crucial to successful retrofit programmes.

RETROFIT COORDINATOR

Retrofit Academy	https://bit.ly/3BqwkVZ
£2,400	Online course
4-6 mnths (150 hrs of study)	Level 5 Diploma in Retrofit Coordination and Risk Management MCS Route

Retrofit Coordinator candidates must achieve the Level 5 Diploma in Retrofit Coordination & Risk Management from a certified training body. The Retrofit Coordinator course offered by The Retrofit Academy CIC delivers everything you need to become a Retrofit Coordinator. The Retrofit Coordinator course is solely available via the Retrofit Academy CIC. It is supported by the Department for Business, Energy and Industrial Strategy (BEIS) and approved by TrustMark.

With the introduction of the PAS 2035 standard, a new role was created that would be central to the implementation of domestic retrofit in the UK: the role of the Retrofit Coordinator. PAS 2035 requires that all domestic retrofit projects incorporate a Retrofit Coordinator whose job is to oversee the management and design of all retrofit measures. To carry out this vital role, it is necessary for Retrofit Coordinators to attain the Level 5 Diploma in Retrofit Coordination and Risk Management.

RETROFIT ASSESSOR

Elmhurst Energy	https://www.elmhurstenergy.co.uk/training/retrofit-assessor-training
£354	Online Course
2 days online course	Course certificate compliant with Trustmark

The Retrofit Assessor role is recommended for Domestic Energy Assessors (DEAs) who will already have relevant knowledge of energy assessment in existing residential buildings.

Elmhurst's Retrofit Assessor Training provides all of the relevant skills and knowledge for individuals to undertake retrofit assessments in accordance with PAS 2035; the specification for the energy retrofit of domestic buildings. Dwellings which require energy retrofit work will first need to be assessed by a Retrofit Assessor. These assessors play an important role in the PAS 2035 process as they collect and provide property data/information which Retrofit Coordinators can use to develop a relevant improvement plan.

National courses continued from previous page

ISO 19650: BIM ESSENTIALS

BRE Academy	https://bre.ac/course/bim-iso-19650-essentials
£720	Online Course
1 day online course	Part of the BRE BIM Certification pathway towards BIM Certification

This training course is suitable for all AEC, construction and asset management professionals

This course provides an essential overview of information management using BIM following the new international standard (ISO 19650 parts 1 and 2). When completed, you will be ready to implement information management process within your own organisation.

ISO 19650: DELIVERING INFORMATION MANAGEMENT (BIM)

BRE Academy	https://bre.ac/course/bim-iso-19650-bim-dim/
£720	Online Course
1 day online course	Part of the BRE BIM Certification pathway towards BIM Certification

Completion of BIM Essentials Course

This course will ensure that on completion you're equipped and ready to realise the benefits of Information Management using BIM within your own organisation and to develop your career. This course is the final stage on the pathway to BRE Global BIM Certification for Individuals should you wish to gain individual recognition.

THERMAL IMAGING (INFRARED THERMOGRAPHY) 1

iRED Remote Sensing	https://ired.co.uk/store/thermal-imaging-category-1/
£2,034	Online Course
4 days in Hampshire; blended courses are available	Level 1 Certificate

Basic understanding of principles

ISO 18437+ thermal imaging training, offering both accredited and certified options for students looking to add thermal imaging to their range of services. ISO 18436 is the industry-standard for thermal imaging training, however as the only training centre with an active surveying team, we go above and beyond industry requirements by teaching up-to-date techniques and practices combined with exclusive industry insight.

THERMAL IMAGING (INFRARED THERMOGRAPHY) 2

iRED Remote Sensing	https://ired.co.uk/store/thermal-imaging-category-2/
£2,394	Online Course
4 days in Hampshire; blended courses are available	Level 2 Certificate

Practicing thermographers

Training course for practicing thermographers looking to develop their skills and specialise in mechanical and electrical thermography.

Borders Housing challenge: 58,000 HOUSES

- Regd. Social Landlord: 20%
- Private Rental Sector: 15%
- Owner Occupied: 59%
- Vacant/2nd Home: 6%



Borders Housing Cost

Retrofit @ £26,000 per house
= Scottish Borders: **£1.5bn**
Complete by 2045
(2,320 houses/yr)
Total Cost = **£60m per yr x 25 yrs**



DOMESTIC ENERGY ASSESSOR

Elmhurst Energy	www.elmhurstenergy.co.uk/training/domestic-energy-assessor-dea-training
£1,332	Online
4 days online training plus coursework	City and Guilds Level 3 Certificate for Domestic Energy Assessment
None - this course is a pathway to Retrofit Assessor Role - see national courses in this document for further information	
As a qualified DEA you will have the relevant skills and knowledge to undertake energy performance assessments for existing dwellings and can produce an Energy Performance Certificate (EPC) for any UK residential property being marketed for sale or let.	

SUSTAINABLE CONSTRUCTION AWARENESS

Borders College	www.borderscollege.ac.uk/greenskills
£120**	Please email debi@borderscollege.ac.uk
4.5 hours	College Certificate
Anyone interested in sustainable construction methods	
This course will look at sustainable materials and practices that can help to construct homes with very high levels of energy efficiency. This will include a fabric first approach to construction, with an emphasis on sustainable building materials and insulation. It will also introduce the concept of low air permeability, and systems to provide low carbon heating and excellent indoor air quality. We will use the Eco Room, a recent extension to the sustainable construction hub, to showcase the technologies discussed during the training.	

**** There may be a range of funding available to suit your needs. Please email debi@borderscollege.ac.uk for details**

FAST TRACK, INFORMATION AND ACCESS ROUTES FOR THOSE OUTSIDE THE SECTOR



ADULT GAS APPRENTICESHIP COURSE

Skills Training Group	https://bit.ly/3oEJUxu
£7,700	Apply online
25 weeks full time or 46 weeks part time in Paisley or Dalgetty Bay - blended learning, incl. placements	LCL Awards MLP
No entry requirement	
With the new technologies entering the gas industry such as Hydrogen Gas and Air Source Heat Pumps creating a wave of new jobs, there has never been a better time to train as a heating engineer. 25-week Gas Foundation Course is the UK's most comprehensive and in-depth gas training course for adults.	

INTRODUCTION TO THERMAL IMAGING

iRED Remote Sensing	https://ired.co.uk/store/intro-thermal-imaging/
£99	Online course
7 hours online course	iRED Certificate
None - Pathway to Thermal Imaging 1 and 2	
This course explains how thermal imaging cameras can be used to accurately measure the temperature of objects to identify faults and provide crucial insight. Through a comprehensive online syllabus, students will learn the basics of thermal imaging and setting up an infrared camera. Featuring a variety of presentations, reading assignments, and quizzes, the e-learning material is thorough and easy to digest.	



If you would like to learn a trade there are a range of experienced worker pathways which can shorten apprenticeships to 2 years. These include bricklaying, carpentry, plumbing and electrical - contact [Borders College at **debi@borderscollege.ac.uk**](mailto:debi@borderscollege.ac.uk) to find out more.



All information and prices contained in this document are correct as of July 2022

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SCOTTISH BORDERS CONSTRUCTION FORUM was set up to discover how best to help and assist Borders Trades People, Local Businesses and Trade Suppliers (as individuals or collectively) to make more of the opportunities that the transition into energy efficiency will offer.

We want to support local people to work locally and to benefit from the opportunities that energy efficiency will bring.

SBCF welcome all trades and professional to get involved in any way they are able to (training events, meetings, receiving whatsapp or email news items or by following us on facebook) please contact us for further information.

 LET'S DO NET ZERO

To find out more or get involved please get in touch! - Julie Nock, Southern Uplands Partnership
<https://sup.org.uk/projects/scottish-borders-construction-forum/> Whatsapp/Mobile 07552 365637

 'BordersConstructionForum'



UK Government

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