

# Course Information Sheet

## Energy-Efficient Home Improvement



Master the art of creating a comfortable and eco-friendly home through practical energy-saving strategies and DIY improvements.

### Course Description:

**Are you tired of high energy bills?** Do you want to reduce your environmental impact? This 4-week course empowers you to transform your home into an energy-efficient haven.

**Learn from experts** about the science behind heat loss, insulation techniques, and cost-effective upgrades. Explore smart appliances, renewable energy options, and discover simple yet impactful DIY projects. **Save money, reduce your carbon footprint, and create a healthier living environment!**

### What will I learn?

- **Week 1:** Understanding Energy Efficiency - Demystifying energy use, heat transfer, and the importance of a well-insulated home.
- **Week 2:** Building Envelope Upgrades - Sealing air leaks, optimising insulation, and choosing energy-efficient windows and doors.
- **Week 3:** Smart Home Systems and Appliances - Leveraging technology for savings - smart thermostats, energy-efficient appliances, and renewable energy options.
- **Week 4:** DIY Projects and Ongoing Maintenance - Easy DIY energy-saving projects, routine maintenance tips, and maximising energy savings.

### How will I be assessed?

- **Formative:** Quizzes, interactive discussions, and peer feedback throughout the course.
- **Summative:** A final project proposing an energy-saving plan for a specific home.

### Who is this course for?

This course is designed for anyone interested in making their home more energy-efficient, reducing their carbon footprint, and saving money on energy bills.

### Who is your target audience?

Learners hoping to develop their understanding of environmental issues and take an active role in creating a more sustainable future.

### **Progression Opportunities:**

This course serves as a stepping stone to further studies in sustainable building practices, renewable energy technologies, and environmental science. Consider exploring programs like:

- Certificate in Sustainable Building Design
- Diploma in Renewable Energy Technologies

### **Career or Job Enhancement Pathways:**

- Green Building Consultant
- Energy Auditor
- Sustainability Manager
- Home Energy Efficiency Specialist

### **How do I enrol?**

If you are paying the full fee, the quickest way to enrol is online at [www.oucoursesouthwest.co.uk](http://www.oucoursesouthwest.co.uk), simply create an account and select enrol now. Alternatively, you will need to speak to one of our customer service team on 01752 660713.

### **How will the course be delivered?**

This is a practical course, and the sessions will include tutor-led demonstrations, learner-led group activities, instruction and repetition. These will form part of the delivery together with one-to-one support as required.

### **Will I need to practise outside the classroom?**

You will be encouraged to review your notes between lessons to ensure maximum benefit from your course. It is always useful to practise your skills between sessions. Your tutor may encourage home learning, or independent research.

### **How will I know I'm making progress?**

During the first session, your tutor will discuss your goals and current level in relation to the course. Based on this assessment, you will agree individual targets which you will record in your individual learning plan (ILP). You and your tutor will review your targets regularly to ensure that you are making progress; these will be written in your individual learning plan.

### **What will I need?**

Please bring a notepad, and pen to each session. You may wish to bring a file for any handouts. A laptop with internet access is required for completion of coursework and home learning outside of the classroom.

**Please note:**

Most courses attract a subsidy from the Education and Skills Funding Agency (ESFA). It is a requirement of the ESFA that you complete various forms at different stages of your course, further information is available on request. Courses are subject to a minimum number of enrolments and could be cancelled if recruitment is low. In some cases, an alternative class at a different location may be offered.

Terms and conditions are available at

<https://www.onsouthwest.co.uk/learner-information/essential-information-for-every-learner>

Room numbers are subject to change - please check when you arrive at the venue.

