



**SKILLS  
FOR LIFE**

**SKILLS BOOTCAMPS**

## **SKILLS BOOTCAMP: AIR SOURCE & GROUND SOURCE HEAT PUMP TECHNOLOGY**

**Warrington & Vale Royal College is offering places on a new Skills Bootcamp commencing in **June 2025** at its Warrington campus, which is **FREE\*** for eligible participants.**

This intensive 5-week course (2 days per week) combines technical knowledge, practical skills, and employability training to prepare participants for employment in the renewable energy sector.

Completion of this bootcamp could lead to a range of roles including Heat Pump Installer, Renewable Heating Engineer, Low Carbon Heating Technician, and Building Services Engineer. These roles may be within specialist renewable energy companies, construction firms, social housing maintenance teams, or subcontracted services working on retrofit and decarbonisation projects.



**Warrington  
& Vale Royal  
College**



**Green  
Technology  
Hub**

## What does this Skills Bootcamp cover?

- Operating principles of heat pump systems, including thermodynamics and refrigerant cycles.
- Installation, maintenance, and commissioning of domestic air source and ground source heat pump systems.
- Safe handling of tools, system integration, testing, and fault troubleshooting.
- Current industry regulations, environmental legislation, and best practices for customer service and system handover.
- Core skills including system design, technical drawing interpretation, and health and safety compliance.

## Who is this Skills Bootcamp suitable for?

This Skills Bootcamp is designed for individuals currently employed in construction or property maintenance roles who are looking to upskill in order to take on new responsibilities, progress within their organisation, apply for a new role, or expand their service offering (if self-employed). It is particularly well suited to property maintenance teams working within social housing organisations, where there is growing demand for low-carbon and renewable heating expertise.

## What are the key benefits?

- Delivered within the college's Construction & Civil Engineering Academy, featuring the new Green Technology Hub and its advanced facilities.
- Taught in collaboration with industry partners offering strong employer links.
- Preparation for interviews with local employers.
- Accelerated pathway to a range of roles within the low-carbon and renewable energy sector.

## APPLY NOW!

This is an exciting opportunity for anyone looking for a new job, looking to change careers, or looking to upskill into a new position within the green construction sector. Places are limited, so get in touch early to secure your place!

**To apply or find out more information, contact us at:**  
**[tscally@wvr.ac.uk](mailto:tscally@wvr.ac.uk)**

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\*Skills Bootcamp: Air Source & Ground Source Heat Pump Technology is free for eligible individuals not sponsored by an employer. For employer-sponsored learners, a contribution is required: £350 for small or medium-sized employers, and £1,050 for larger employers.