

# LEVEL 3 AWARD IN EV CHARGING

Subject Area  
Student Type  
Study Mode

Construction &  
Construction Trades  
Adults  
Part Time

## What is the course about?

This course provides a comprehensive understanding of the design, installation, and maintenance of electric vehicle (EV) charging equipment in domestic and small commercial settings.

It covers the requirements set out in the IET Code of Practice, BS 7671, and relevant legislation, ensuring installations are safe and compliant.

You will gain a qualification enabling you to safely design and install EV charging points.

## Why should I choose the course?

This qualification is designed for practising electricians looking to develop their skills in EV charging installations as part of their CPD. With the rapid growth of electric vehicles, EV charging installation is one of the fastest-growing areas in the electrical industry, making this a valuable and in-demand skill.

## What will I learn?

You will learn:

- The key legislation and documentation relating to EV charging installations
- Different types of EV charging equipment (EVSE)
- Design considerations for EV charging systems
- Testing, commissioning, and handover procedures
- How EV systems integrate with energy storage and smart technologies.

You will also gain knowledge of real-world installation challenges such as earthing systems (PME/TT), load management, and smart charging integration.

## What will the course lead on to?

On successful completion of this electrical course, you could progress to:

- City & Guilds Level 4 Award in the Design and Verification of Electrical Installations (2396)
- Other CPD qualifications within the electrotechnical sector

It can also enhance career opportunities in EV charge point installation, working with charge point operators, or expanding your electrical business into EV infrastructure.



**Warrington  
& Vale Royal  
College**

Warrington Campus  
Winwick Rd, Warrington WA2 8QA

 [wvr.ac.uk](http://wvr.ac.uk)

 01925 494 494

Winsford campus  
Weaver St, Winsford CW7 4AH

 [learner.services@wvr.ac.uk](mailto:learner.services@wvr.ac.uk)

## Are there any links with industry and university?

This electrical qualification is recognised by the Joint Industry Board (JIB) and ECS scheme as CPD. It is endorsed by TESP and awarded the Electrician Plus kitemark.

## Why should I choose to study the course at Warrington & Vale Royal College?

At Warrington & Vale Royal College, you will benefit from experienced tutors, industry-relevant training, and support to prepare for the online assessment, helping you apply EV installation knowledge in real-world situations.

## What are the entry requirements?

This course is for qualified and experienced electricians aged 19+ that hold one (or more) of the following qualifications -

- City & Guilds Level 3 NVQ Diploma in Installing Electrotechnical Systems and Equipment (2357)
- City & Guilds Level 3 NVQ Diploma in Electrotechnical Services (Electrical Maintenance) (2357)
- City & Guilds Level 3 Electrotechnical qualification (5357)
- City & Guilds Level 3 NVQ in Electrotechnical Services Experienced Worker (2356)
- City & Guilds Level 3 Electrotechnical Experienced Worker Qualification (2346)
- City & Guilds Level 3 Electrotechnical in Dwellings Experienced Worker Qualification (2347)
- Other awarding organisation equivalents

Evidence of certificate and/or ECS Gold Card (JIB or SJIB) will be required.

You should have achieved the qualification within the last 5 years (or show current competency through latest 18th Edition Wiring Regulations).

## What are my funding options?

For information relating to funding this course, please contact our friendly Learner Services Team on 01925 494 400 or [learner.services@wvr.ac.uk](mailto:learner.services@wvr.ac.uk)

## Are there any additional costs associated with the course?

Prior to the start of the course, you must purchase the below items for an approximate cost £150:

- IET Code of Practice for Electric Vehicle Charging Equipment Installation (5th Edition)
- BS 7671 Wiring Regulations (18th Edition)

Suggested additional resources include:



- IET On-Site Guide
- IET Guidance Note 3 (Inspection & Testing)

Important: All books must be the latest Amendment 4 (2026) versions to ensure alignment with current industry standards and assessment requirements.



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