

Design and Installation of Domestic and Small Commercial Electric Vehicle Charging Installations | City & Guilds 2921-31

📍 York, Slough and On-site | 2 Day | [View Latest Price & Availability](#)

Course Overview:

The City & Guilds Level 3 Award in the Design and Installation of Domestic and Small Commercial Electric Vehicle Charging Installations (2921-31) is a specialised course aimed at providing practicing electricians with comprehensive knowledge and understanding of electric vehicle charging design and installation. By completing the City & Guilds Level 3 Award in the Design and Installation of Domestic and Small Commercial Electric Vehicle Charging Installations, you will expand your knowledge and advance your skills in the growing field of electric vehicle infrastructure.

Who Is This Course For:

You MUST be a qualified electrician to attend this course. The qualification is tailored for electricians who are looking to broaden their knowledge and skills in designing and installing electric vehicle charging equipment and systems. If you have already demonstrated your competency as a skilled electrical installer or electrician, this course is ideal for you.

Key Learning Areas:

- The specific requirements involved in designing and installing domestic and small commercial electric vehicle charging installations
- Different methods to protect against open PEN conductor faults and how to assess and identify issues with diverted neutral current
- The integration of electric vehicle charging systems into prosumer's electrical installations, including options for reverse feeding into the installation and/or supply grid
- The smart functions used in Electric Vehicle Supply Equipment (EVSE) and its relevance within the overall installation
- Domestic installations - Single phase 16-32 amp installs
- Commercial installations - Three phase 11-22 kilowatt installs
- 2 part qualification assessment - Scenario based question and online examination



📍 York Campus

Our head office is conveniently based at York Business Park on the outskirts of York city centre. This well-established training centre accommodates a number of practical assessment areas for a highly interactive and participative training experience, alongside large comfortable classrooms with amenities such as complimentary WiFi, and refreshments.

📍 Slough Campus

Our Slough centres are ideally situated on the Slough Trading Estate, with central London and Heathrow both less than 20 minutes away. The Malton Avenue centre covers 15,000 square feet and boasts over 7,000 square feet of practical assessment training space. As with our York centre, we provide large comfortable classrooms with amenities such as complimentary WiFi and refreshments.

📍 Livingston Campus

5 Deer Park Avenue, part of the Fairways Business Park was established as our Scottish training centre in 2022. This easily accessible centre (just off the M8) services our connections north of the border, as well as those in the north of England. It houses 4 newly refurbished classrooms, as well as practical training facilities for F-Gas handling, Low Voltage and Mechanical and Pressure Systems

On-Site and Remote Training Options

We recognise some of the commercial restraints which surround sending multiple members of a team on to training courses. There are also the financial implications of accommodation, travel and time away from site.

Some of the key benefits of on-site training include; Reduced down time, Dates to suit your team and Cost effective team training

Some of the key benefits of remote training include; Live tutor-led courses, Cost effective delivery and Reduced down time

The Importance of Practical Training

Our practical facilities showcase industry standard installations, enabling delegates to gain hands-on experience in a variety of settings, designed to mimic those found across the healthcare estate.

By attending either of our AP or CP courses, you will gain transferable skills and knowledge to be able to carry out your duties in-line with HTM Guidance and enable you to react effectively to emergency situations, should they arise.