

Design and Installation of Domestic and Small Commercial EVC Installations (online)

Award Level 3

STUDY MODE
Part time

LOCATION
Moulton

LEVEL
Level 3

START DATE
24 November 2025

DURATION
Two weeks, two evenings
per week



This qualification is aimed at practicing electricians in understanding how to design and install the range of electric vehicle charging equipment and systems available. It aims to provide expert guidance to anyone wishing to gain further knowledge and understanding of electric vehicle charging equipment design and installation.

What will I learn on the course?

The qualification covers additional methods of protecting against open PEN conductor faults and how to assess if an installation has an issue with diverted neutral current. It also covers smart functions in EVSE and relevant items within the installation as a whole. Integration into prosumer's electrical installations including the option of electric vehicles reverse feeding into the installation and/or supply grid.

What will this course cost me?

The cost for this course is £320.

What does a typical week look like?

This course will be delivered online over a period of two weeks. The classes will be on a Monday and Wednesday evening between 6pm and 9pm.

How will I be assessed?

This course is assessed by means of an online exam.

Where can it lead to?

On successful completion of this qualification you could progress on to a City & Guilds Level 4 Award in the Design and Verification of Electrical Installations as well as other CPD qualifications within the electrotechnical sector.

What are the entry requirements for this course?

This qualification does require existing knowledge and electrical certification. All applicants must have one of the following qualifications:

- City & Guilds Level 3 NVQ Diploma in Installing Electrotechnical Systems and Equipment (Buildings, Structures and the Environment) (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 Organisations equivalences will also be acceptable
- Equivalent historical qualifications Electrotechnical Assessment Specification (see latest version link) or
- ECS Gold Card issued by the JIB or SJIB – Installation Electrician, Maintenance Electrician, or Domestic Electrician.

Visit this course on our website: <https://www.moulton.ac.uk/courses/evcc13/design-and-installation-of-domestic-and-small-commercial-evc-installations-online-award-level-3>

For further information please contact the college: <https://www.moulton.ac.uk/contact>