

General Enquiries

Tel: 0300 300 0090

Email: enquiries@stockport.tscg.ac.uk Website:
stockport.tscg.ac.uk



Level 3 Award in Domestic, Commercial and Industrial Electric Vehicle Charging Equipment Installation

Location	Stockport College
Course Type	Adult
Department	Electrical Installation
Start Date	Thursday 9th May 2024
Duration	Part-time, 0 Weeks
Time	09:00 - 16:30
Fee	£ 350.00 You may be eligible for support with your tuition fees - please visit the college website - funding and finance page for further information
Course Code	SPQ-BL3A-1130

Course Overview

For the installation of Electric Vehicle Charging Points (EVSE) This course is aimed at those who would like to learn how to install Electric Vehicle Charging Equipment within domestic properties. This course is designed specifically for Domestic installers who wish to learn how to install, fault find and inspect and test domestic car charging points. With the recent announcements from the government regarding petrol and diesel cars it is estimated that by 2020 there will be 1.2 million electric cars on the road and by 2030 50% of vehicles produced will be an either electric or plug-in hybrid.

Course Requirements

Generally speaking candidates should be existing domestic installers most likely already registered on a competent person scheme:

Minimum age 18 years old (mandatory)

Must be able to carry out the following competencies:

Be competent to work on domestic electrical installations.

Be able to carry out an initial verification (inspection and testing) on an electrical installation and complete the necessary paperwork.

Be up to date with the latest Building Regulations requirements

Be up to date with the latest 18th Edition wiring regulations (Highly recommended but not compulsory)

What You Will Learn

In the Domestic Electric Vehicle Charging Equipment Installation Course, participants will gain knowledge and skills in installing and terminating steel wire armoured cable and PVC cable. The curriculum covers key requirements related to electric vehicle charging equipment, including an exploration of the advantages and disadvantages of various charging arrangements and equipment types. Students will learn the necessary preparations for the design and installation of electric vehicle charging equipment, focusing on domestic locations. The course includes practical training on planning, designing, and installing electric vehicle charging equipment for residential settings. Additionally, participants will understand the requirements for inspection, testing, commissioning, and handover procedures for such equipment in domestic locations. As a specialist in electrical and renewable courses, attendees can expect top-notch facilities and teaching quality throughout the duration of this course.

Assessment

Online Multiple Choice 40 questions exam (1 hour / open book)

Practical tests:

Task A - Design 30 mins

Task B - Install 1 hour

Task C - Initial Verification 1 hour

Progression

Upon successful completion of the course students can progress to the Level 3 Award in the Installation and Maintenance of Small Scale Solar Photovoltaic Systems

Career Options

This course covers domestic installations and is designed for qualified domestic installers.

Mandatory Units

Understand and apply selection, installation and commissioning of electric vehicle charging equipment in domestic, commercial and industrial locations

Understand and apply selection, installation and commissioning of electric vehicle charging equipment in domestic locations

Contact Details

For further information please contact T: 0161 886 7070 or E: info@trafford.ac.uk

Disclaimer

Although every care has been taken to ensure that the information contained within this document is accurate, there may be changes to this programme and provision. We will endeavour to keep prospective and current students updated where appropriate and when the information becomes available.