

# **Design and Installation of Domestic** and Small Commercial Electric Vehicle **Charging Installations January Start**

This course is designed to develop the knowledge required to Design and Install small scale Electric Vehicle Charging Points (EVCP).

This new City & Guilds (2921-31) qualification is ECS approved, allowing this qualification to be added to a gold card, showcasing recognised ability to carry out small scale EVCP installations.

## **Entry Requirements**

Learners must provide evidence of one of the following:

- 2357 Level 3 NVQ Diploma in Installing Electrotechnical Systems and Equipment (Buildings, Structures and the Environment)
- 2357 Level 3 NVQ Diploma in Electrotechnical Services (Electrical Maintenance)
- 5357 Level 3 Electrotechnical qualification
- 2356 Level 3 NVQ in Electrotechnical Services Experienced Worker
- 2346 Level 3 Electrotechnical Experienced Worker Qualification
- Other Awarding Organisations equivalences will also be acceptable.
- ECS Gold Card, JIB Electrician or Approved Electrician Card

## Career Prospects

Successful delegates will gain:

- Increased employment prospects
- Registration with a range of brands as an installer
- Progress towards membership in a competent person scheme
- Assistance towards Gold Card Applications

#### **Course Modules**

This course covers:

• The key requirements relating to electric vehicle charging equipment

Coleg Afan Colea Bannau Brycheinioa Academi Chwaraeon Llandarcy Coleg Castell-nedd Coleg Y Drenewydd Coleg Pontardawe Canolfan Adeiladwaith Abertawe

Afan College Brecon Beacons College Llandarcy Academy of Sport Neath College Newtown College Pontardawe College Swansea Construction Centre







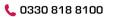
























- Different types and features of electric vehicle charging equipment
- The requirements for inspection, testing, commissioning and handover of electric vehicle charging equipment and circuits.
- The use of vehicles as electrical energy storage systems as part of "prosumer's" (Producer & Consumer) installations.

#### **Assessment**

- 1 Hour online multiple-choice exam
- 1.5 Hour written exam that includes design scenarios.

#### **STUDY MODE**

PT

### **LOCATION**

Afan College - 0330 818 8100

Newtown College - 0330 818 8100

#### **COURSE LENGTH**

3D

























