



SKILLS MAX ACADEMY

**\*FUNDED**

# DESIGN & INSTALLATION OF ELECTRIC VEHICLE CHARGING INSTALLATIONS SKILLS BOOTCAMP

Level 3 Award in the Design & Installation of Domestic & Small Commercial Electric Vehicle Charging Installations

\*Subject to status & eligibility criteria



## FUNDING THROUGH SKILLS BOOT CAMP

Locations: **West Midlands**



## OVERVIEW

The Bootcamp is designed to give existing employed/self-employed qualified electricians who want to learn about the technical requirements and practical considerations when installing Electric Vehicle charging points and has been developed to the requirements of the National Occupational Standard Assessment Programme for individuals who wish to demonstrate competence in this field.

It forms part of our Bootcamp offer promoting green skills and the strive for net zero in the region, with the integration of mental health qualification to help the self-employed deal with the challenges of working alone and to promote general awareness.



## DESIGN AND INSTALLATION OF ELECTRIC VEHICLE CHARGING INSTALLATIONS

- Introduction to Electric Vehicles – Electric Vehicle types
- Characteristics, Charging requirements, Safety considerations
- Overview of Electric Vehicle charging
- Modes of Electric Vehicle charging, requirements, and restrictions
- Electrical Installation Requirements
- Supply, Earthing, Planning permission, Explosive atmospheres, Protection, Labelling, Control, Risk assessment
- Protecting against open PEN conductor faults
- Integration into prosumers electrical installations Reverse feeding into the installation or back to the grid
- Inspection, Test and Certification
- Commissioning and DNO paperwork
- Risk Assessment and pre & post-installation checklists
- System Test, Fault Finding and Examination

## MENTAL HEALTH AWARENESS

- Exploring Mental Health
- Understand how to support individuals with mental ill health
- Understand a mentally healthy environment

## METHOD OF DELIVERY

Blended Learning

## DURATION

60 hours

## ATTENDANCE OPTIONS

Days / Evenings / Weekends

## ASSESSMENT METHOD

- EV Charging – Online Multiple Choice Exam & Design Assignment
- Mental Health – Workbook

## CERTIFICATION

- C&G Level 3 Award in Electrical Vehicle Charging Equipment Installation
- NCFE Level 2 Certificate in Understanding Mental Health First Aid and Mental Health Advocacy in the Workplace



# ELIGIBILITY CRITERIA

## YOU MUST..

- Be aged 19 or over
- Be employed or self-employed
- Live or Work in West Midlands, England
- Have the right to work in the UK
- Minimum Level 3 in Electrical Installation or equivalent

## EMPLOYED

Employers must demonstrate one or more of the following positive impacts would be applicable at the end of the training:

- Advancement in pay or salary as a result of the training
- Offer of a new job or apprenticeship
- Increased opportunities or contracts for the company
- More responsibilities
- Promotion or enhancement in current role

## SELF EMPLOYED

If you are self-employed, you could still be eligible for funding if you demonstrate that there would be an increase in services offer at the end of the Bootcamp training.

## SELF-REFERRAL

If you are currently employed and able to demonstrate improved work/job prospects or an advancement in career as a result of the training, then you should be eligible.

## TO APPLY...



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