

DeA business

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Charge up your career with
Electric Vehicle training



Future-proof your business

Electric and hybrid vehicles
now account for around



 **30%**

of all car and van sales

As more and more people transition to these vehicles, the need for repairs and servicing is also on the rise. Due to the expertise required to work on these vehicles is limited, many people are taking them to main dealerships for simple repairs and general maintenance for peace of mind, cutting out local garages.

Health and Safety also needs to be front of mind, because while most mechanics will be quite adept at managing the risks associated with a traditional vehicle, an electric vehicle can be very dangerous if not handled correctly. With approximately 650V of power, your insurance could be quickly invalidated due to lack of training and not having the correct procedures in place.

By upskilling you and your team through our short, specialised programmes, you can be confident in safely working on electric and hybrid vehicles from all manufacturers, keeping customers coming back.

We offer three levels of courses, from introductory to advanced, catering to anyone in the motor industry, from fleet drivers and sales staff to mechanics, recovery technicians and emergency service staff.



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Skills
Development
Scotland

IMI
ESTD 1920

INSTITUTE OF THE
MOTOR INDUSTRY



Electric Vehicle (EV) courses

Level 1

Award in Electric/Hybrid Vehicle Awareness (1 day)

This course is for non-technical staff, such as sales and parts advisors, valeters, managers and professional drivers, to gain an awareness of electric/hybrid vehicles to enable them to continue to work safely in their roles. It is also suitable for members of the general public looking to gain an awareness of electric or hybrid vehicles.

Level 2

Award in Electric/Hybrid Vehicle Routine Maintenance Activities (2 days)

These qualifications are for candidates who need to know the safety precautions to be taken when working on or near a high voltage hybrid. Therefore, this applies not just to automotive technicians but also, for example, emergency services staff.

Level 3

Award in Electric/Hybrid Vehicle System Repair and Replacement (2 day course)

This course is designed for people who may encounter electric/hybrid vehicles within a routine maintenance situation. It also contains the knowledge and skills required to work safely around a vehicle that may have had damage to its high energy/electrical system.

Both our **Level 2** and **Level 3** courses are recognised by the **Institute of Motor Industry (IMI)** and can help towards your ability to achieve **IMI TechSafe certification**.



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All three courses are held several times a month, and are delivered at our garage facilities at **The Skills Academy** at Michelin Scotland Innovation Parc, Dundee.

Did you know? Your business may be eligible for funded training. Get in touch with our **Business Partnerships Team** to find out more.



Combined Electric Vehicle (EV) course

You asked and we listened.

With client feedback asking for a blended Level 2 & 3 course, D&A College have implemented the Level 2 and 3 Hybrid/EV training as a combined and enhanced course that is nationally recognised by the Institute of the Motor Industry. This will allow your technicians to complete both levels in 2 days without having to split up their training.

Level 2 & 3

Hybrid and EV Enhanced Course (2 days)

This qualification has been designed to give candidates the knowledge and skills required to work safely on Electric/Hybrid vehicles whilst carrying out diagnostic, testing and repair activities. This may include vehicles that may have or had damage to their high energy/electrical system.

The course contains two mandatory units EV2.2 and EV3.

EV2.2 covers all of the skills and knowledge from IMI Level 2 Award in Electric/Hybrid Vehicles Routine Maintenance Activities and EV3 covers skills in:

- Working safely on an electric/hybrid vehicle
- Using information to carry out the task
- Carrying out repairs on high energy electrical systems
- Recording information and making suitable recommendations

As a result, learners who successfully complete this course will acquire significant core expertise, a Level 3 nationally recognised qualification and the ability to remove and replace Electric/Hybrid vehicle high voltage components.

This combined **Level 2 and 3** course is recognised by the **Institute of Motor Industry (IMI)** and can help towards your ability to achieve **IMI TechSafe certification**.



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This course is delivered at **The Skills Academy** at Michelin Scotland Innovation Parc, Dundee.

Charging Point Installations

Electric Vehicle Charging Installations

(3 day course)

This qualification is intended as a short course aimed at continual professional development supporting the development of knowledge/understanding of electric vehicle charging design and installations. Candidates will learn how to design and install domestic and small commercial electric vehicle charging installation points.

Learners undertaking this course may already be working as skilled and competent electricians and/or electrical installers with proven and demonstrable skills.

Validation of these skills and level of competence are reflected in the entry requirements for this qualification.

Entry Requirements:

This course is intended for practising electricians. As part of the assessment for this qualification, learners must hold:

- SVQ in Electrical Installation at SCQF level 7 or Other Awarding Organisations equivalences will also be acceptable
- Up-to-date BS 7671 Requirements for Electrical Installations

This course takes place at **The Skills Academy** at Michelin Scotland Innovation Parc, Dundee.



Testimonials

See what businesses who have taken part in our EV training have to say.

“

I was rather apprehensive before the course as I have heard some horror stories about EVs and with having these vehicles coming through my workshop for MOTs, I have always been very wary of them. On doing the course, I found it very interesting and it really opened my eyes about how the systems work and how to safely work on these vehicles as in the past I would refer them back to the dealer. The course itself was very well presented and put together and it was all explained very well too. I give all credit to Chris and Ben for the layout, presentation and patience with the delivery of it all. Nothing was an issue when quizzed about items and their explanation of items etc. I took so much from the course that I'm implementing all my staff onto it so that I have everyone trained to the same standards, eliminating any risk of injury or damage. I have recommended your course to so many other guys in the trade and will continue to do so. Thanks again for such a great course and keep up the good work.

– Callum Copland of CD Copland Motors Ltd



“

Myself and another colleague from Angus Tyres both attended the level 2 and level 3 EV courses which were helpful and insightful. The level 3 I feel was more hands-on and interesting from a mechanic's point of view. They were both in the very early stages of being rolled out so I believe a few things were being altered regarding content and the way it's put across but with the main info staying the same. Overall both helpful courses and the lecturers were friendly and came across well.

– Mike at Angus Tyres Ltd





**Are you ready
to take your
business to
the next level?**

**For more information or to book directly, please visit our
website or contact the Business Partnership Team**

Tel: 01241 432724

Email: business@dundeeandangus.ac.uk

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