Electric vehicles (EV)

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Course Overview

Course name: Electric vehicles
Delivery method: e-Learning
Course structure: Modular (9 modules)
Duration: Approximately 90 minutes
Delivery via: Computer, Tablet or Smart Phone
Certificate of Professional Development issued on course completion
Course cost: £89.95 plus VAT *(Discounts for multiple users)*

Who this course is for: Anyone new to driving an electric car or van, those who have not had any prior EV training or those who just want to get the best from their EV. The course also fulfils a business's duty of care obligations towards providing appropriate training and demonstrates an investment in employee safety.

Learning outcomes: Participants completing this course will be able to demonstrate an understanding of:

- The mindset of an EV driver
- Planning long journeys that may require a charge top-up
- How to maximise range
- Regeneration settings
- How to charge their EV including using public charging points
- Why an EV might pose a hazard to pedestrians
- How to develop a defensive EV style of driving
- EV pre-drive safety checks

Introduction

Electric vehicles are great fun to drive, they are quiet, powerful, and packed with technology, however, if you've no experience with driving one, there are a few things you really do need to know, mainly around safety, range, and charging.

Those new to EV's at some point will almost certainly have said, 'I wish I knew that sooner' having learned the hard way, This course aims to address that, it provides a wealth of information that EV drivers need, plus we bust a few urban myths. This course is also relevant to those who drive hybrids vehicles.

Topics covered in this course are:

Module 1: Introduction – how to navigate the course and the basics of driving and EV

Module 2: It's all about mindset

- EV drivers think differently, we explain why

Module 3: Maximising the range of your EV

- Hints and tips for better range
- Range anxiety, it's not a problem for EV drivers!
- What things are likely to reduce range
- Vehicle eco settings

Module 4: Charging your EV

- Everything you need to know about charging
- Using public charging points
- How to calculate charge rates and times
- Public charge points fact sheet, showing the good and not so good

Module 5: The three key 'must knows' about EV's

- EV's are incredibly powerful
- EV's are silent
- You can increase range – get free miles!

Module 6: Defensive driving – EV style

- Defensive driving explained
- The key components of defensive driving
- Introduction to COAST – a defensive driving strategy
- EV drivers guide to protecting pedestrians
- Slow-to-flow – puts back charge
- Driving on faster roads – what about regen?
- Extra information about vulnerable road users

Module 7: EV safety checks

- What and how to check over your EV
- Breakdowns in an EV

Module 8: Myth-busting quiz

- A great way to fill in all the 'I didn't know that' gaps

Module 9: Course conclusion

- Top Tips download for EV drivers
- Collection of Certificate and opportunity to leave feedback