



PROFESSIONAL LEVEL E-Scooter & Bike REPAIR COURSE

PROFESSIONAL LEVEL TRAINING PROGRAM | DESIGNED BY MPRTS UK



OBJECTIVE

The objective of the course is to provide the requisite skills and knowledge to enable the student to get into a wide variety of jobs in the E-scooter and bike industry or to start a e-Bike & Scooter service repair outlet.

COURSE DURATION

FIVE DAYS · MONDAY TO FRIDAY · 11AM TO 4PM

SKILLS

Our training in mobile phone repairing is skill-oriented training. The classroom training also provides hands on practice. The right infrastructure is required to ensure that the students develop required skills.

PRE-REQUISITES

No previous experience required.

SUPPORT AND BENEFITS

- » Unlimited repair practice at our Service Centres and no extra for retake.
- » Unlimited on-going support at no extra cost and telephone support for students related to any repair issues.
- » Business setup support for candidates interested in self-employment.
- » Repair guide price list and repair terms and condition.
- » List of suppliers and business plan template.
- » Facilitate accounting support (free for first 3 months start-up)
- » Support with finding a job.
- » Free basic tool kit.

Curriculum

The course is suitable for everyone, whether you struggle to change an innertube or you're already working in the trade. Practically orientated lessons from highly experienced tutors mean students will leave with a full working knowledge of how to strip down and rebuild a bicycle. Ready for entry into the cycle profession should they so wish.

***** The course duration is 1 week (Monday to Friday).**

There will be additional 3 days of real time internship repair training at workshop if required.



PROFESSIONAL REPAIR COURSE LEVEL 1 & 2

Working safely in a cycle maintenance environment
British Standards relating to the sale of new bicycles
Understanding customer service requirements
Frame and fork technology and headset
Principles of gear systems
Principles of brake Systems
Principles of cycle hubs, wheels, tubes and tyres
Wheel lacing
Wheel building
Stripping and rebuilding a geared bike and Pre-Delivery Inspection

Electric Bike Maintenance Manual - Contents

1. Introduction
2. Electric Bicycles
3. Electric Scooters
4. Electric Motorcycles
5. Light and Special Electric Vehicles
6. Tools and Test Equipment for Light Electric Vehicles
7. Electric Theory and Components
8. Electric Bicycle Set Up
9. Diagnostics
10. Connectors
11. Throttles
12. Brake Switches
13. Crank and Torque Sensors
14. Motor Controllers
15. Electric Motors
16. Batteries and Battery Management Systems
17. Battery Chargers
18. Displays
19. Data Recorders and Analyzers

Projection system or large screen video display for slide and video presentations
Sound system for video presentations
Dimmable light system
White board and markers
Connection to the internet
Tables and chairs for students
Table name signs for students
Tables for display of E-Bike parts
Table for refreshments
Work stations for hands-on soldering, wiring connector crimping and applying heat shrink
Table or work station for battery test equipment and charging
Table or work station for diagnostic equipment
E-Bikes
E-Bike stand
E-Bike tools
Laptop computer for battery testing and E-Bike diagnostics
Safety glasses

Cost Of The Course

**Cost of the course is £1495 for both level 1 and 2.
The price includes all course materials and certification.**



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