

#### 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



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 headsets 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

- Electric Scooters
  Electric Motorcycles
  Light and Special Electric Vehicles
  Tools and Test Equipment for Light Electric Vehicles
  Electric Theory and Components
  Electric Bicycle Set Up
  Diagnostics

- 10. Connectors 11. Throttles 12. Brake Switches 13. Crank and Torque Sensors
- Crank and Torque Sensors
  A Motor Controllers
  Electric Motors
  Batteries and Battery Management Systems
  Battery Chargers
  Displays
  Data Recorders and Analyzers

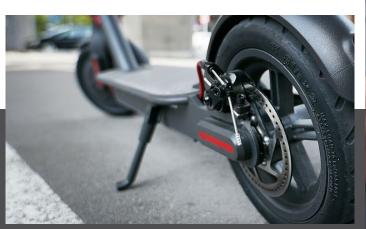
Projection system or large screen video display for slide and video presentations Sound system for video presentations Dimmable light system

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 1and 2. The price includes all course materials and certification.



25 Woodford Avenue, Ilford, Essex, (IG2 6UF) Nearest Train Station (Underground): Gants Hill (Central Line)



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