



Auto Electrical and Mobile Electrical
Level 2

Overview

Apprenticeship:

Auto Electrical and Mobile Electrical

Qualification: Level 2

Duration: 24 months

Apprentices will work with a variety of electronic systems including:

- Ignitions, alarms, immobilisers and tracking devices
- Electric windows, mirrors and seats, towbar electrics and air-conditioning
- Customised LED or neon lighting kits, parking warning systems and reversing camera

Learners also gain a broad knowledge and understanding of health and safety in the workplace and other skills associated with working in a garage.



Type of job roles the programme is for

- Light Vehicle Technician
- Heavy Vehicle Technician
- Vehicle Parts Advisor

Qualifications

- Level 2 Diploma in Auto Electrical and Mobile Electrical
- Functional Skills in Maths
- Functional Skills in English

Progression opportunities

- Level 3 Diploma in Auto Electrical and Mobile Electrical
- Level 3 Diploma in Auto Electrical and Mobile Electrical Aftermarket Enhancement

Core competencies

- Communication
- Logical thinking
- Adaptability
- Time management
- Working safely
- Apply termination, inspection and fault finding diagnosis to auto electrics

Training Process

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- New learners are assessed by a Skills Coach to ensure their suitability for the programme
- After this, they will complete an initial assessment and scoping to identify areas of improvement, and development goals for the apprenticeship
- An apprenticeship induction is then held for new learners, where they will be introduced to the schedule of study

Modules

- Health, safety and good housekeeping
- Supporting job roles in the automotive environment
- Materials, fabrication, tools and measuring devices used in the automotive environment
- Locating and correcting simple electrical faults in the automotive workplace
- Enhancing vehicle electrical systems
- Inspecting vehicles using prescribed methods
- Removing and replacing light vehicle electrical units and components
- Overhauling of electrical units

Pathway

Apprenticeship:

Auto Electrical and Mobile Electrical

There is a clear GC Education & Skills career pathway for the apprentice once they've completed the Level 2 Auto Electrical and Mobile Electrical course.

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Automotive Apprenticeship Routes

Level 2

Auto Electrical and Mobile Electrical Level 2

Vehicle Accident Body Repair Level 2

Vehicle Accident Paint Refinishing Level 2

Level 3

Auto Electrical and Mobile Electrical Level 3

Heavy Vehicle Service and Maintenance Technician Standard Level 3

Motor Vehicle Service and Maintenance Technician (Light Vehicle) Level 3

Vehicle Accident Body Repair Level 3

Vehicle Accident Paint Refinishing Level 3