



Auto Electrical and Mobile Electrical  
Level 3

# Overview

## Apprenticeship:

## Auto Electrical and Mobile Electrical

**Qualification:** Level 3

**Duration:** 15 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 3 Diploma in Auto Electrical and Mobile Electrical
- Functional Skills in Maths
- Functional Skills in English

### Progression opportunities

- Supervisory or management qualification

### Core competencies

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

# Training Process

## Apprenticeship:

### Auto Electrical and Mobile Electrical

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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
- Diagnosing and rectifying vehicle auxiliary electrical faults
- Inspecting vehicles using prescribed methods
- Diagnosing and rectifying engine electrical faults
- Diagnosing and rectifying transmission and chassis electrical faults

# 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 3 Auto Electrical and Mobile Electrical course.

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**Duration:** 15 months

### 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