

# Installation and Maintenance Electrician

<b>Sector</b>	Construction and Building Trades
<b>Who is it for?</b>	New recruits and existing staff
<b>Start date</b>	September
<b>Level</b>	3
<b>Duration</b>	48 months plus gateway period
<b>End-point assessment</b>	Ongoing assessment and final grading through end-point assessment
<b>Qualification</b>	Level 3 Electrotechnical Apprenticeship
<b>Delivery model</b>	Block release

The standard aims to give the Apprentice the knowledge, skills and behaviours to successfully complete installation and maintenance electrician tasks and duties.

Day-to-day tasks may include handling low voltage equipment, automated systems and emerging technologies. They will also contribute to system design, development and ensuring safety and compliance with industry standards.

## Typical job roles include:

Electrician

Installation electrician

Maintenance electrician

# What your Apprentice will learn



Apprentices develop knowledge, skills and behaviours to be able to work effectively in their job role.

These form the Apprenticeship standard that has been developed and agreed with employers.

The knowledge, skills and behaviours that your Apprentice will learn include:

## Knowledge

Health and safety regulations in electrical work

Fault diagnosis and testing

Knowledge of relevant electrical legislation alongside an understanding of sustainable practices and the use of renewable technologies

Proficient in using electrical drawings, technician specifications and various tools and materials

Must be proficient in using electrical drawings, technical specifications and various tools and materials

## Skills

Effectively communicate in a range of styles to suit different audiences

Planning, designing, setting up and installing electrical systems, including modern technologies

Applying diagnostic techniques to identify, assess and resolve faults in electrical systems

Maintaining accurate work documentation, including test results and certifications, and ensuring their work meets industry standards and regulations

## Behaviours

Prioritise health and safety

Environmental considerations

Professional development

Teamwork

Customer focus

## Get in touch

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