



Electrical Installation Apprenticeship Level 3

2022/23

Inspiring Lives, Discovering Futures

The Course

In brief...

Apprenticeships are a popular choice for young people aged over 16 looking for on-the-job training and the opportunity to gain nationally-recognised qualifications whilst earning a wage. Most of your training will be directly linked to the career you have chosen, gaining practical experience in the workplace, backed up by attendance at college just one day a week.

An Advanced Apprenticeship in Electrical Industry will give you valuable experience of a variety of electrical activities. You will be working in various environments covering Industrial, Commercial and Domestic Installations. Your exact duties will depend upon your employer.

Your offer of Apprenticeship training will be dependent upon you securing employment, the college may be able to assist you with this.

Apprenticeships are a great option for school leavers who want to get straight onto the career ladder. An Apprenticeship is equivalent to 5 GCSEs.

The apprentice does not have to pay any fees for this course, however the employer may be required to pay a contribution towards the costs of training.

Who is it for?

Electricians install, maintain and repair electrical systems in industrial, commercial and domestic environments. Electricians might work in both indoor and outdoor settings. Electrical equipment and systems may include switchboards, motors, cables, fuses, thermal relays, fault current protection switches, heating, lighting, air conditioning and metering equipment as well as crime and fire alarm systems and renewable energy technologies.

Installation Electricians work on the installation, testing, commissioning and maintenance of low voltage (less than 1000v) electrical and electronic devices and appliances.

Maintenance Electricians work on the maintenance of electrical and electronic installations including automated production systems. Duties include the supervision of the equipment, its maintenance and necessary.

What the Course Leads to

What courses can I do after this?

On successful completion of this Advanced Apprenticeship, you will be a Qualified Electrician. You could progress to Approved status by attending further technical courses, and could also progress in your chosen career at supervisory/management.

What do I need to apply

To do this course you should have...

GCSE's grade 9-4 in English and Maths or equivalent.

All applicants for an Apprenticeship will be required to attend an interview with the relevant Account Manager undertake an initial and occupational assessment.

We MUST stress the importance of you contacting employers yourself as without an employer it will not be possible for you to

Key Information

Duration

48 Months

Attendance

Apprenticeship

Level

Level 3

Qualification Name

Apprenticeship Standard

Awarding Body

EAL

Curriculum Area

Construction - Building Services

commence training.

Course costs

Course Code **Start Date** **Costs 16-18** **Costs 19-23 (with concessions)** **Costs 19+ (no concessions)**

TDNXHM0068	Various	TBC	TBC	TBC
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* Please note fees are subject to change.

Course Content

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To gain the full Advanced Apprenticeship you will work towards the following qualifications:

Level 3 Electrical Technologies

Key Skills in:

- Functional Skills L2 Maths
- Functional Skills L2 English

The On-Site-Assessment for the qualification is work-related and will relate specifically to your job role.

Knowledge and Skills

Electricians will use engineering knowledge and understanding to apply their technical and practical skills. They will contribute to the design, development, manufacture, construction, commissioning, operation or maintenance of products, equipment, processes, systems or services. Electricians must:

- Understand and apply the principles, practices and legislation for the termination and connection of conductors, cables and cords in electrical systems
- Understand and apply the practices and procedures for the preparation and installation of wiring systems and electrotechnical equipment in buildings, structures and the environment
- Understand and apply the principles, practices and legislation for the inspection, testing, commissioning and certification of electrotechnical systems and equipment in buildings, structures and the environment
- Understand and apply the principles, practices and legislation for diagnosing and correcting electrical faults in electrotechnical systems and equipment in buildings, structures and the environment
- Understand and apply the electrical principles associated with the design, building, installation and maintenance of electrical equipment and systems
- Oversee and organise the work environment

Mandatory units are:

Level 3 -

Knowledge Units

- Health & Safety
- Environmental practices and principles
- Organising within the Electrical industry
- Planning and installing within the Electrical environment
- Selection of wiring systems for the environment
- Practices and planning for the wiring systems
- Inspection and Testing
- Diagnosing and correcting electrical faults
- Electrical principles

Performance Units

- Health & Safety
- Environmental practices and principles
- Organising within the Electrical industry
- Selection of wiring systems for the environment
- Installing wiring systems for the environment
- Inspection and Testing
- Diagnosing and correcting electrical faults

- AM2

Depending on GCSE grades on entry - the study programme will include Functional Skills in Maths and English

Next Steps ...

Email: enquiries@thecollege.co.uk

Telephone: 01202 205205

Web: www.thecollege.co.uk

Live chat available on the website

