

Installation Electrical and Maintenance Electrician (ST0152) Level 3 Apprenticeship

Electricians install, maintain and repair electrical systems in industrial, commercial and domestic environments. Electricians might work both indoor and outdoor settings.

Electrical equipment and systems may include: Consumer units and Distribution boards, motors, cables, fuses, contactors, fault current protection switches, heating, lighting, air conditioning and metering equipment, as well as intruder and fire alarms systems and renewable energy technologies.

Expected course duration

48 months.

College Day Release intakes

These vary between **September – January** (site dependent).

When can the apprentice start employment?

When offered job role and start date agreed with employer.

When can the apprenticeship training start?

Arrangements will be made with the college around when the next college delivery starts and agree a suitable start date.

Course Content

- Application of health and safety and electrical principles
- Understanding the fundamental principles and requirements of environmental technology systems
- Principles of electrical science
- Electrical installations: fault diagnosis and rectification
- Electrical installations: inspection, testing and commissioning
- Electrical systems design
- Working effectively and safely in an Electrotechnical environment
- Principles of Electrotechnology
- Installation practices and theory

Entry requirements

Most employers are looking for candidates who have achieved or are expecting to achieve GCSEs at grade C/4 or above, or A Levels.

However, some employers will accept slightly lower grades if initial assessment testing indicates that you can work at the required level.

What training is required in the workplace?

- Learning a variety of skills to enable the apprentice to be able to develop and complete their Apprenticeship and EPA
- 20% off the job training
- College attendance
- Regular 10/12/week Meetings with Training Coordinator and Apprentice to discuss progress and set SMART targets throughout apprenticeships

Further study and career options

Course progression:

You can progress on to a number of recognised Electrical Installation courses, including City & Guilds 2391 Inspection and Test, and the new green technologies courses, such as Wind and Photovoltaic Power Generation Installations.

Career progression:

Supervisory or Management role.

Additional information

The following PPE/Equipment is required:

- Safety boots
- Work overalls
- Stationery

Recommended latest BS7671, onsite guide and GN3.

Campuses

Study is available at the following campuses:

- Bedford College
- Tresham College Corby Campus
- Central Bedfordshire College, Leighton Buzzard Campus

Further details

For more information, please visit here:

<https://www.instituteforapprenticeships.org/apprenticeship-standards/st0152-v1-1>

How to apply

Through the apprenticeship vacancy page of our website:

<https://bedfordcollegelgroup.ac.uk/study/apprenticeships/apprenticeship-vacancies/>

and the national apprenticeship website:

<https://www.apprenticeships.gov.uk/>