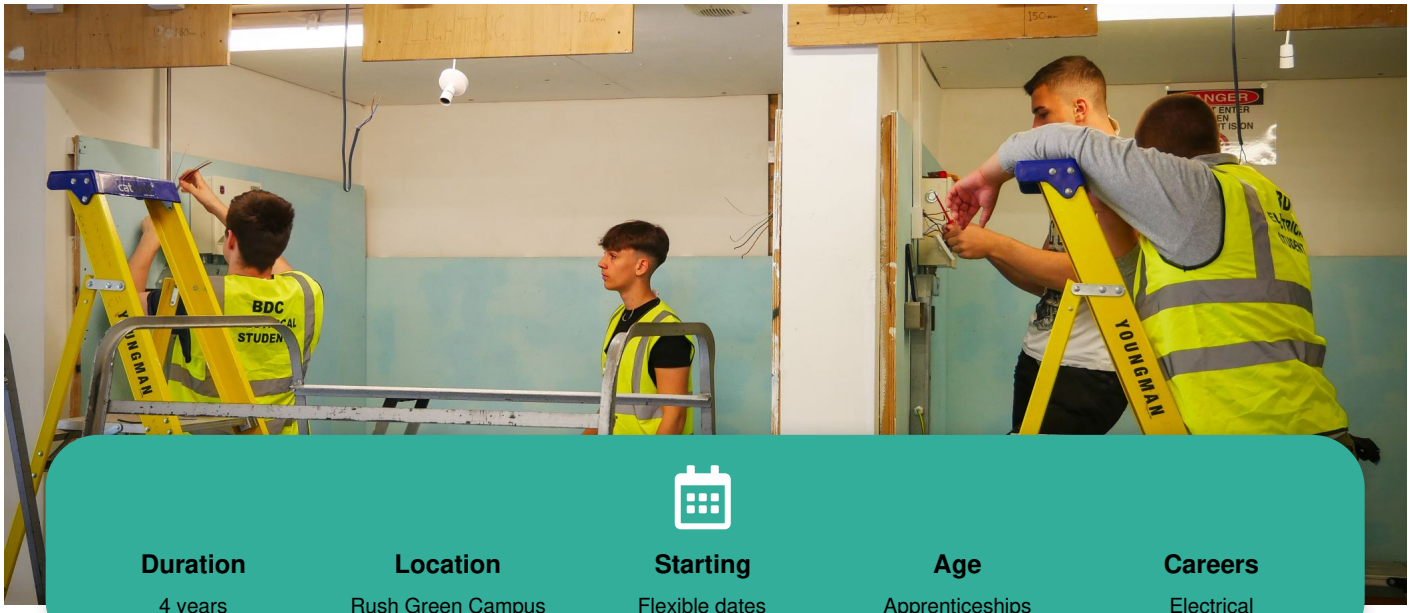
Level 3

Installation and Maintenance Electrician

Apprenticeship



Duration	Location	Starting	Age	Careers
4 years	Rush Green Campus	Flexible dates	Apprenticeships	Electrical

How do apprenticeships work?

If you prefer a more practical style of learning, an apprenticeship or higher apprenticeship could be the ideal option for you. They enable you to learn on the job and gain nationally recognised qualifications at the same time. Find out more about apprenticeships.

Overview

Electricians install, maintain and repair electrical systems in industrial, commercial and domestic environments, working both indoors and outdoors.

They work with a wide range of equipment and systems, such as switchboards, motors, cables, fuses, fault protection devices, lighting, heating, air conditioning, metering equipment, alarm systems, and renewable energy technologies.

Electricians can work independently without direct supervision, often contributing to the design of systems, interpreting drawings and specifications, and sourcing installation materials. They must follow safe working practices and ensure all systems are safe to use upon completion.

Start dates are flexible, allowing learners to begin their Apprenticeship at a time that suits them.

What you'll learn

On this Apprenticeship, you'll learn:

- How to install, maintain and repair electrical systems in various environments
- How to work with a range of electrical equipment and systems, including renewable energy technologies
- Skills for working independently and interpreting technical drawings and specifications

- How to requisition and manage installation materials
- Electrical safety practices and compliance with industry standards
- Installation, testing, commissioning and maintenance of low voltage systems
- Maintenance, supervision and repair of electrical and electronic installations

Entry requirements

For this Apprenticeship, you will need to have GCSEs in Maths and English at Grade 4 or above or a Level 2 in Functional Skills.. You will also need to be employed in a relevant role before starting this Apprenticeship.

What this apprenticeship leads to

On completion of this Apprenticeship, you will have satisfied the requirements to be able to register as EngTech by the Engineering Council.

Visit this course on our website: *https://barkingdagenhamcollege.ac.uk/find/courses/0000011012*

For further information please contact the college: *https://barkingdagenhamcollege.ac.uk/contact*