

The Benefits of an Apprenticeship

Apprenticeships offer great opportunities for people of all ages; an Apprenticeship is a job with training to industry standards, enabling you to enter a recognised occupation. All Apprenticeships are employer led, and as well as providing long term earnings, they also give you the ability to progress.

- You'll earn a wage as you're learning and are entitled to paid holidays.
- You can earn 10% more after studying on a Level 3 Apprenticeship than if you went straight in to work.
- 90% of apprentices remain in employment, either with their current employer or another company.
- 85% of employers participate in Apprenticeship programmes and consider them a good thing.
- You can train to post graduate level without incurring any university fees.
- By passing an independent End Point Assessment, you'll join thousands of people acquiring a modern and recognised qualification.

Apprenticeship Overview

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. They are able to work on their own proficiently and work without immediate supervision in the most efficient and economical manner.

They may contribute to the design of electrical systems. They are able to set out jobs from drawings and specifications and requisition the necessary installation materials.

Electrical safety is an important area of Electricians' work. On completion of their work the electrical systems must be safe to use. They must adhere to safe working practices without endangering themselves or others.

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 repairs.

What You'll Learn

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
- Preparation and installation of wiring systems and electrotechnical equipment in buildings, structures and the environment

80% of your qualification will be gained in the workplace, although you may attend sessions in College that will cover the remaining essential areas of your training.

During your Apprenticeship, you will have a dedicated Work Based Tutor who will train you to industry standards; support your time in employment; and coach you to pass your End Point Assessment.



- Inspection, testing, commissioning and certification of electrotechnical systems and equipment in buildings, structures and the environment
- Diagnosing and correcting electrical faults in electrotechnical systems and equipment in buildings, structures and the environment.

They must also:

- 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
- Understand and apply the principles of planning and selection for the installation of electrotechnical equipment and systems in buildings, structures and the environment.

Entry Requirements

Individual employers will identify any relevant entry requirements in terms of previous qualifications, trainability tests, or other criteria. Most candidates will have English and mathematics at Level 2 on entry

How will I be Assessed?

Apprentices must complete the Level 3 Electrotechnical Qualification, (Installation) or (Maintenance). Assessments that form this qualification and meet agreed common assessment specifications to ensure consistency across awarding organisations. Once all training that makes up the Apprenticeship qualification has been completed apprentices are able to apply to take the synoptic end-point assessment - AM2's is an independent stand-alone assessment that is already well-recognised in the industry.

Supporting Your Learning and Wellbeing

We have a range of dedicated support and wellbeing services including **FREE** travel, financial support, and impartial advice and guidance. Throughout your Apprenticeship, you'll also receive one-to-one support from your dedicated Work Based Tutor, helping you to achieve your ambitions.

Future Opportunities

Alongside your studies, you'll have a unique opportunity to be part of the University of Bolton's EXCEED Programme. This will give you a range of additional skills and experiences, and includes masterclasses; university visits; access to industry experts; and mentoring and support with your university application, perfect for that next step into Higher Education.

On successful completion of this Apprenticeship, you could progress onto full-time employment, professional jobspecific qualifications, Higher Apprenticeships or a degree programme.

Following further study you could work as:

- An Electrician, earning up to £42,000 per year
- A Design and Development Engineer, earning up to £55,000 per year
- An Electrical Engineer, earning up to £60,000 per year

Why Choose Us?

We're an elite College, and part of the University of Bolton Group, offering you a gateway to all of Greater Manchester's vast range of fantastic opportunities for specialist careers, university degree courses and higher Apprenticeships. We have an excellent track record of success with apprentices not only passing, but acquiring distinction grades!

We'll reward your achievements with trips to The Anderton Outdoor Activity Centre and the opportunity to apply for the prestigious Duke of Edinburgh Award.

Our £75 million campus offers a refurbished fitness suite and sports hall; Apple Mac suites; libraries, a theatre and dance studios; hair and beauty salon; and a restaurant, café and canteen.

You'll also enjoy a wide range of events, including showcases, enterprise activities and cultural celebrations.



Disclaimer: Every care has been taken to ensure that the information contained within these course information sheets was accurate at the time of publishing. Bolton College is constantly evaluating its services to meet the needs of learners; therefore programmes/courses/Apprenticeships, resources and facilities may be subject to change without prior notice.



ELECTRICAL Electrical Installation Apprenticeship Level 3



THE BEST YOUNG ELECTRICAL PROFESSIONALS! GET INTO CAREER MODE

Open Events

Open Events are the best way to discover what life as a Bolton College student is like, giving you an insight into College life.

Open Events at our Deane Road Campus are as follows:

- **Thursday 20th October 2022, 5pm-8pm**
- **Tuesday 15th November 2022, 5pm-8pm**
- **Wednesday 7th December 2022, 5pm-8pm**
- **Wednesday 8th February 2023, 5pm-8pm**

If you'd like to attend one of these events, register by visiting www.boltoncollege.ac.uk/register-open-events

How to Apply

Find this Apprenticeship on our website **www.boltoncollege.ac.uk** then click the 'Apply' button to express your interest. You'll be asked to set up a Learner Hub account, so that you can track your application.

If you have any difficulties setting up your Learner Hub account, please email **learner.hub@boltoncc.ac.uk**