



# Level 3 Electrical Installation for Adults

|               |                |
|---------------|----------------|
| Subject Area  | Construction   |
| Course Type   | Adult          |
| Study Level   | Level 3        |
| Delivery Mode | Full-time      |
| Duration      | 1 Year         |
| Start Date    | September 2026 |
| Course Code   | PA000794       |

View on [bradfordcollege.ac.uk](https://bradfordcollege.ac.uk)



## Course Summary

Due to unprecedented demand, we are unable to take any more applications for construction for September 2026, if you need advice or guidance, please call us on 01274 088088. If you have already applied, please look out for you letter inviting you in to enrol.

Our Level 3 Electrical Installation adult course provides you with a comprehensive and industry-focused pathway to continue your studies into the electrical sector, building on your existing skills and preparing you for advanced technical work. This programme is designed for learners who are ready to progress beyond the fundamentals and develop the deeper knowledge, practical ability and professional understanding required to work confidently in a wide range of electrical environments. Throughout the course, you'll explore the scientific and technical principles that underpin modern electrical systems, while gaining hands-on experience with the tools, equipment and methods used across the industry. You'll develop the ability to interpret technical information, follow industry standards, and apply safe working practices in real-world scenarios.

## What You Will Learn

You'll deepen your technical expertise and build the advanced skills needed to work confidently and safely in the electrical industry. The course takes you beyond the basics and into the real-world principles that drive modern electrical systems. You'll explore how electrical properties influence circuits, systems and equipment, and get to grips with the operating principles of D.C. machines, A.C. motors and key electrical components. You'll learn how lighting systems are designed and applied, and develop a strong understanding of supply characteristics and consumer equipment. You'll also build the

knowledge needed to design electrical installations, carry out safe testing and commissioning, and complete all required certification and documentation. This includes testing before circuits are energised, testing live systems, and ensuring installations meet industry standards. As the course progresses, you'll learn how to identify electrical faults, understand why they occur, and apply the correct procedures and techniques to diagnose and fix them. You'll also gain hands-on experience commissioning electrical systems and equipment in line with current requirements. By the end of the programme, you'll have the advanced knowledge, practical skills and professional confidence to take your next step in the electrical installation industry.

## Modules

---

- Principles of Electrical Science
- Electrical Design and Installation Practices and Procedures Principles of Inspection
- Testing and Commissioning Electrical Systems
- Inspecting Testing and Commissioning Electrical Systems
- Electrical System Fault Diagnosis and Rectification Requirements for Electrical Installations (BS7671)

## Entry Requirements

---

Learners progressing internally must have completed the Level 2 Electrical Installation qualification at Bradford College and have a good understanding of maths and English skills; including problem-solving, listening, speaking, reading, writing and communication.

## Work Experience

---

As part of your Key Stage 5 Technical qualification, you will take part in employer involvement to gain meaningful experience of the workplace and develop industry-relevant skills. This will be in the form of employer-led activities during your course giving you a clear understanding of real working environments, strengthening your learning, and helping ensure your qualification is valued by industry.

## Progression

---

Successful completion of this course can lead to opportunities for employment or an apprenticeship. Careers include: Installation Electrician (Domestic, Commercial, Industrial) Maintenance Electrician Electrical Fitter Renewable Energy Installer

**Disclaimer:** Our prospectus, college documents and website are simply here to offer a guide. We accept no liability for

any inaccurate statements and are not responsible for any negative outcomes if you rely on an inaccurate statement.  
We reserve the right to withdraw any programmes or service at any time.