Working together to transform lives

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Level 2 Electrical Installation for Adults



Subject Area	Construction
Course Type	Adult (19+)
Study Level	Level 2
Delivery Mode	Part-time
Duration	1 Academic Year
Start Date	September 2027
Course Code	PA000080

View on **bradfordcollege.ac.uk**

Course Summary

Our Level 2 Electrical Installation adult course provides you with the fundamental knowledge and skills required to continue your career as an electrician. The course combines theoretical understanding with practical skills development, preparing you for both further study and workplace readiness. Like an installation electrician working in a domestic, commercial or industrial environment, you will demonstrate an understanding of electrical scientific principles, the installation of different wiring systems, enclosures and equipment, circuit theory and installation methods, electrical testing procedures and much more. On successful completion of this qualification, you will be at an Improver/Electrician's mate level.

This course is delivered over two evenings per week from 6 – 9pm. Teaching days vary, so please submit an application to receive full timetable details.

What You Will Learn

You will learn about the importance of health and safety in the electrical industry,

electrical theories including; Ohm's Law, power equations, and resistance, the principles of alternating current (AC) and direct current (DC), electromagnetic principles and mathematical calculations for electrical installations.
You will also take advantage of learning about green skills and sustainability with a big focus on smart technology, energy efficiency and an awareness of solar pv, electric vehicle charging points, battery storage and heat pumps. There's never been a better time to train as a modern electrician.

Modules

- Health and Safety in Building Services Engineering
- Principles of Electrical Science.
  Electrical Installations Technology
- Installation of Wiring Systems and Enclosures
- Understand How to Communicate with Others within Building Services Engineering

Entry Requirements

Learners progressing internally must have completed the Level 1 Electrical Installation qualification at Bradford College and have a sufficient understanding of maths and English skills; including listening, speaking, reading, writing and communication.

Work Experience

Your course may include work experience or a work placement that could lead to the offer of a part-time or casual work, or you might work outside of your studies.

Progression

Successful completion of this course can lead to progression onto our Level 2 Diploma in Electrical Installation, as well as opportunities for employment or an apprenticeship. Careers include:Instalaltion Electrician (Domestic, Commercial, Industrial)Maintenance ElectricianElectrical FitterRenewable Energy Installer

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