

Diploma in Electrical Installation



Subject Area	Construction
Course Type	Adult
Study Level	Level 1
Delivery Mode	Part-time
Location	Trinity Green
Duration	1 Academic Year
Start Date	September 2026
Course Code	PA000072

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Course Summary

This course provides you with comprehensive training designed specifically for adult learners entering the electrical industry. It balances theoretical knowledge with practical skills and professional behaviours essential for successful employment. It provides you with the essential knowledge and skills required to begin a career as an installation electrician which combines theoretical understanding with practical skills development in the workshop, preparing you for both further study on level 2 or in the workplace through an apprenticeship.

What You Will Learn

You will learn how to follow health and safety practices, know and use tools and equipment for wiring and terminations, and connect using different types of electrical materials, components and equipment. You will be able to hone your hand skills in the workshop by measuring and marking out, terminating a range of wiring systems to

equipment and installing different wiring enclosures. This will include the basic understanding and techniques for circuit testing, including continuity, polarity and insulation resistance.

Modules

1. Structure of the construction industry
2. Fundamental safe working practices
3. Environmental and sustainability measures in domestic dwellings
4. Site preparation for working in the construction industry
5. Electrical installation wiring and terminations
6. Fabrication techniques for electrical installation
7. Electrical science and technology

Entry Requirements

There are no entry requirements for level 1 however the course uses contextualized maths and English within the syllabus. If you are progressing to level 2 and 3, the requirement for maths and English is a GCSE Grade 4+/C+, Functional Skills (Level 2), Key Skills (Level 2), Adult Numeracy/Literacy (Level 2) or equivalent.

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 your course can lead to further study, apprenticeships or you may progress into employment. A domestic Electrician has the potential to earn up to 40K per year.

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