

Electrical Installation



Subject Area	Construction
Course Type	School Leavers
Study Level	Level 1
Delivery Mode	Full-time
Duration	1 Academic Year
Start Date	September 2026
Course Code	PA000391

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Course Summary

Our Level 1 Electrical Installation course offers an ideal starting point for learners who want to begin their training and work towards a future career in the electrical industry. It introduces the core principles behind one of the most technical and dynamic roles in the construction industry, giving learners a clear first step into the world of electrical installation. At least half of the course is spent completing practical tasks in the workshop, giving you hands-on experience while you learn the key principles of electrical installation. You will also spend dedicated time in the classroom developing your understanding of the theory to support your practical skills.

This course includes project-based learning that embeds GCSE Maths and GCSE English directly into theoretical and practical, vocational tasks through a contextualised model. This ensures learners develop relevant, essential and applied skills that align with the expectations of the construction industry and support their long-term progression.

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

Structure of the Construction Industry

Fundamental Safe Working Practices

Environmental and Sustainability Measures in Domestic Dwellings

Site Preparation for Working in the Construction Industry

Electrical Installation Wiring and Terminations

Fabrication Techniques for Electrical Installation

Electrical Science and Technology

Entry Requirements

Applicants must have GCSE Maths and GCSE English at a grade 3 as a minimum

Learners progressing internally must have also successfully completed an Introduction to Construction qualification.

Work Experience

You will undertake at least two meaningful encounters with employers, giving you a genuine introduction to the world of work. Throughout the course, you will partake in workplace visits, industry insight events, employer talks and practical workshops, all designed to build your communication, problem-solving and teamwork skills. You will also undertake focused employability activities, including CV writing, job applications and interview skills.

You will additionally partake in activities that support wellbeing and mental health, helping you build confidence, resilience and positive habits as you prepare for future study and employment.

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:

Installation Electrician (Domestic, Commercial, Industrial)

Maintenance Electrician

Electrical Fitter

Renewable Energy Installer

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We reserve the right to withdraw any programmes or service at any time.