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Introduction to Construction (Electrical Installation)



Subject Area	Construction
Course Type	School Leavers
Study Level	Level 1
Delivery Mode	Full-time
Location	Trinity Green
Duration	1 Academic Year
Start Date	September 2027
Course Code	PA000077

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This course is delivered in partnership with

Course Summary

Our introductory course in Electrical Installation provides you with the essential knowledge and practical skills required to secure a job in the electrical industry. It focuses on a hands-on experience whilst maintaining strict adherence to safety and industry standards. Like a domestic electrician working in a dwelling, you will demonstrate understanding of basic electrical principles, identify and use common electrical tools and equipment safely, install basic electrical circuits and components, perform basic electrical testing. All this electrical installation work will be applied to relevant health and safety regulations within the work environment.

What You Will Learn

You will learn about the importance of health and safety in the construction industry, how to minimise the risk of accidents caused by hazards and the types of construction methods used in construction including sustainability. You will also learn the types of activities and job opportunities and set up/maintain a clean and safe working environment.

Modules

- Introduction to Health and Safety in Construction
- Introduction to the Construction Industry
- Connecting Flex to Common Apparatus
- Assembling 13Amp Switched Sockets Wired in Ring Main
- Constructing PVC Wiring Systems
- Cutting, Bending, Joining and Threading Conduit
- Installing One-Way Lighting Circuits
- Installing Two-Way Lighting Circuits

Entry Requirements

Entry to this course requires GCSE Maths and English at a grade 2 as a minimum.

Work Experience

Your course may include experience of work or a work placement that could lead to the offer of part-time, voluntary or casual work. You might be able to work outside of your studies. Our students benefit from local site visits and trips to construction companies within the local community.

Progression

Successful completion of this course can lead to our Level 2 Diploma in Electrical Installation, employment or an Apprenticeship.

Careers include:

- Electrician
- Maintenance Electrician
- Electrical Fitter

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.