

Electrical Installation (Adults)

Subject Area	Engineering
Course Type	Adult
Study Level	Level 3
Delivery Mode	Part-time
Location	Trinity Green
Duration	1 Academic Year
Start Date	September 2024
Course Code	PA000084

Course Summary

Our City & Guilds level 3 course gives you a high level of knowledge and occupational skills in the electrical industry and gives you the platform to progress to further vocational learning or employment. It will prepare you to enter an electrical apprenticeship programme where you can be recognised by the industry as a competent electrical installation/maintenance engineer.

What You Will Learn

The high-level knowledge and skills you will primarily focus on include the knowledge of advanced electrical principles, the design and requirements of electrical installations, the knowledge and skills of inspection, testing and commissioning of electrical systems and electrical system fault diagnosis and rectification.

You will learn to use the technical industry specific terminology, interpret design briefs for complex work-related tasks, carry out planning which shows an ability to identify and analyse the relevant information in the brief and achieve an outcome which successfully meets the key requirements of the brief.

Modules

- Planning and Overseeing Electrical Work Activities
- 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

Entry Requirements

Entry to this course requires a Level 2 qualification in Electrical Installation and GCSE Maths and English at a grade 4/ grade C as a minimum.

Work Experience

Your course may include experience of work or a work placement that could lead to the offer of a 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 further vocationally related qualifications, employment or an Apprenticeship.

Careers include:

- Approved Electrician
- Electrical Installation/Maintenance Engineer

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.