

# Construction

## Electrical Installation

**Campus:** Rotherham College

**Code:** RFECN001a

**Type:** Full Time | Part Time

### About This Course

Electricity is essential to everyday life, from being able to wake up on time in the morning to retiring for the night, your life is connected with Electricity. This can be identified by your routine, waking up with an alarm, boiling a kettle, travelling, (railway equipment, traffic lights, airport equipment) tv, cleaning equipment, hospital equipment, power tools. All these components require science.

Our courses enable you to develop your Electrical knowledge, skills & behaviours to the highest level, preparing you for your future career or next level of study.

Becoming an Electrician will mean a continuous learning experience with the introduction of renewable technologies changing the society and world around us.

### What Will I Study?

Within Electrical, we offer different levels of study;

- Structure of 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 Once familiar with the basics, we move to;
- Health and Safety and Industry Practices
- Electrical Science
- Electrical Installation
- Electrical Technology This will then lead onto;
- 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 Installation
- All these units require assessments of various forms, written, practical & scenario/case studies.
- All courses will include varying levels of sector specific Maths & English.

## Why Study Here?

Rotherham College offers industry recognised qualifications in 2 spacious Electrical workshops designed for unique levels. All our courses are delivered by experienced industry trained specialists who are continually assessed to current standards, who can offer careers advice and have links to the industry.

Our Curriculum is designed with input from local employers to ensure we are providing the essential skills needed by the local community and the surrounding area.

Through the Google Workspace, we encourage independence to develop essential skills required to be successful in your chosen career.

## How To Apply

You can apply using our online application form and clicking the **Apply Now** button at the top of this page.

For more information support with your enquiry or application please contact Student Services by emailing [info@rotherham.ac.uk](mailto:info@rotherham.ac.uk) [mailto:info@rotherham.ac.uk] or by calling **01709 362111**.

## Tuition Fees

- 16-18 year olds do not need to pay course fees
- Those aged 19 or over may not need to pay fees depending on their circumstances. Find out if you qualify for help with your fees [<https://www.rotherham.ac.uk/course-fees/>] .

If you need further advice or guidance please contact the Enquiries Team on **01709 362111**.

**PLEASE NOTE**

We make every effort to ensure information within our online course directory is accurate and a true representation of the courses we are offering in 2024-25. However, we do reserve the right to make changes if necessary.

**Last updated:** 5th November 2024