

City & Guilds 2330 Electrotechnical Training Level 2

If you want to be an electrician, this course is for you. It enables you to gain the practical skills and knowledge – and the qualification – you need to get started.

Course Content

This course introduces you to the basic and fundamental aspects of an electrician's work in a clear and straightforward way, and provides you with the essential qualification that you need to get started – the Level 2 Certificate in Electrical Technology 2330.

To gain the qualification, you must successfully pass assessments in a series of basic courses, split into four units. The courses are:

Unit 1: Working effectively and safely in the electrotechnical environment

- Safety
- PPE
- Fire extinguishers and warning signs
- Electric shock and isolation
- Accident and emergency procedures
- Legal duties
- Electrical specialisms

Unit 2: Principles of electrotechnology

- Identify SI units
- Resistance
- Conductors and insulators
- Series and parallel circuits
- Shock protection
- Basic mechanics
- Power generation
- Electrons and charge
- Transformers
- Electrical systems

Unit 3: Application of health and safety and electrical principles

- Risk control
- Dealing with information
- Resistance
- Delta connections
- Earth fault
- Emergency switching
- Relays
- Three phase systems
- Protective devices
- Over currents

Unit 4: Installation (Buildings & Structures)

- Electricity at work regulations
- Codes of practice
- Cable calculations
- Work planning
- Structure of BS7671
- Wiring systems
- Special locations

If you are keen to specialise, you can also choose to focus on one of a range of relevant topics, including:

- Installation
- Instrumentation
- Maintenance
- Panel building

This course is open to **any age**. If you are aged 16 to 25, it can form part of an apprenticeship that allows you to earn as you learn. Alternatively, once you have understood the basics, gained your qualification and found a job as an electrician, you're ready to take an NVQ relevant to our chosen specialist area. However you choose to use this course, it's an essential stepping-stone to your new career as a fully qualified electrician.

The course content features practical and theory learning, with online exams and practical assessments.

Duration

Intensive 10-week course, held over a 20-week period. To enable you to fit this demanding course into your busy schedule, course sessions are held on a 'two weeks on, two weeks off' basis.

Although designed to cater for people of all ages, the flexibility of the course makes it especially useful for mature students with family, work and other commitments who are unable or unwilling to attend college for the duration of a full academic year.

Prerequisite

There are no formal entry requirements to take this course and no previous experience or qualifications are needed.

The course is suitable for:

- Anyone wishing to begin a career as an electrician
- Anyone currently following the Electrical Modern Apprenticeship programmes
- Anyone wishing to go on to study for an N/SVQ in Electrical Technology

Bookings

- Call 0800 856 4448
- Visit www.tradeskills4u.co.uk
- Courses start every week

