

Course Information

Construction Basic Skills- Electrical Skills

Campus: Erdington Skills Centre, Edwards Road, Erdington, Birmingham B24 9EW

To book a place on this course please call the Job Skills Team on 0121 362 1174

Hours and times per week

2.5 days per week

Attendance: Mondays/Tuesdays 8.30am – 3.30pm and Wednesdays (8.30am-3.30pm)

Duration

Part time 9 week course

Course Content

A lack of qualified electricians is one of the biggest obstacles to overcoming Britain's acute shortage of housing. The swift recovery in house building has exposed a scarcity of people with the right skills and qualifications. The practical workshops will enable pupils to see that electricians are tradesmen who design, install, maintain and troubleshoot electrical wiring systems. This course you will undertake practical skills and tasks relating to industrial installations which are simulated in the electrical workshop.

The programme provides comprehensive practical skills training and assessment with associated construction theory in safe working practices and building methods. This is a practical course aimed at learners seeking to gain basic construction skills. Achievement is measured by the completion of a portfolio of evidence.

Units covered include the following:

- Connecting flex to common apparatus (installing lighting circuits, constructing wiring systems)
- Assembling 13amp switched socket (wired in a ring final circuit)
- Installing one way lighting circuit (Different cable types, testing and inspection)
- Installing two way lighting circuit
- Introduction to Health and Safety in Construction (Safety Signs, COSHH, PPE, Risk Assessment, etc.)
- Introduction to the Construction Industry (Materials, Sustainability, Electrical Insulation)

By the end of the course, you'll be able to answer these types of questions and lots more:

- What is the maximum size of fuse you can use in a plug top?
- What does the cord grip in a plug top do?
- What size circuit breaker is used in a ring main circuit?
- Why must isolation be carried out prior to any work being carried out to any electrical installation?
- Name the 3 new colours in twin and earth cables?
- Can you run more than one lamp of a lighting circuit?
- How much would 20 light pendants cost at £1.50 each?
- What colour is the Earth Conductor?
- What is the minimum size of cable to be used on a ring main?

Qualification

City and Guilds 6218 Level 1 Certificate in Basic Construction Skills

Entry and eligibility requirements

You will need to demonstrate motivation and willingness to learn. Applicants will need to be unemployed and provide proof of benefits in order to be assessed for full fee remission.

Personal Protective Equipment (PPE)

The College will provide relevant personal protective equipment for all learners on this course, where required.

BMet

Jennens Road, Birmingham, B4 7PS

t 0121 362 1174 e ask@bmet.ac.uk w www.bmet.ac.uk

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Course Information

ID Requirements

Bank statement or other form of ID with address details on plus National Insurance Number

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