



# **Construction: Electrical Installation - Level 3 Advanced Apprenticeship**

Electricians install, maintain and repair electrical systems in industrial, commercial and domestic environments. Electricians might work in both indoor and outdoor settings. Electrical equipment and systems may include switchboards, motors, cables, fuses, thermal relays, fault current protection switches, heating, lighting, air conditioning and metering equipment as well as crime and fire alarm systems and renewable energy technologies. They are able to work on their own proficiently and work without immediate supervision in the most efficient and economical manner. They may contribute to the design of electrical systems. They are able to set out jobs from drawings and specifications and requisition the necessary installation materials. Electrical safety is an important area of Electricians' work. On completion of their work the electrical systems must be safe to use. They must adhere to safe working practices without endangering themselves or others.

## **WHO IS IT FOR?**

The Electrical Installation apprenticeship is tailored for ambitious individuals aspiring to excel as electricians in the Electrotechnical industry. Through this program, apprentices learn to expertly install systems and equipment in diverse environments like buildings and structures. The comprehensive qualification ensures candidates acquire the essential knowledge, skills, and competency to become proficient Installation Electricians within the Electrotechnical sector.

## **PROGRESSION**

Upon successfully completing the comprehensive Electrical Installation Level 3 apprenticeship, candidates stand at a pivotal moment in their vocational journey, with a multitude of compelling avenues stretching before them, each offering distinct opportunities to shape their future within the electrical industry.

## **TRAINING**

- Full Qualification: Capital City College runs this programme over 54 months timeframe, with a learning period of 48 months and an end point assessment (EPA) of up to 6 months.
- With Diploma Level 2: Capital City College runs this programme over 42 months timeframe, with a learning period of 36 months and an end point assessment (EPA) of up to 6 months.

**Duration: 4 Years**

**Location: Workplace and College**

**Sector: Construction**



- With Diploma Level 2 & Level 3: Capital City College runs this programme over 30 months timeframe, with a learning period of 24 months and an end point assessment (EPA) of up to 6 months.

## END POINT ASSESSMENT

EPA (up to 6 months) includes practical assessments and an online test.

## NEXT STEPS

The next step may include:

- Become Self-Employed
- Join a Company

Complete further studies:

- Level 3 Team Leader/Supervisor
- Level 5 Operations/Departmental Manager
- Level 6 Chartered Manager Degree
- Level 7 Senior Leader Master's Degree

## KEY EMPLOYERS

Balfour Beatty, Barlows Electrical, BESA, Burgess Electrical Services Limited, City and Guilds, Clarkson Evans Limited, Daly Engineering Services, Electrical Contractors Association, Engineering Services Partnership Limited, Excellence, Achievement & Learning Limited (EAL), National Electrotechnical Training (NET), Power Sonic Limited, Shaw Williams, The Electrotechnical Joint Industry Board (The JIB), The Focus Training Group, The Institution of Engineering and Technology

## FUTURE OPPORTUNITIES

Candidates who complete the Electrical Installation Level 3 apprenticeship have the option to advance their education through ILM (Institute of Leadership & Management) management apprenticeship courses.

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