

# Installation Electrician and Maintenance Electrician

As an electrician, you will install, maintain and repair electrical system in industrial, commercial and domestic environments. You might work in both indoor and outdoor settings on electrical equipment and systems such as 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.

You'll also be able to work on your own and without immediate supervision in the most efficient and economical manner. You'll contribute to the design of electrical systems and be able to set out jobs from drawings and specifications and requisition the necessary installation materials.

As an Installation Electrician you will work on the installation, testing, commissioning and maintenance of low voltage (less than 1000v) electrical and electronic devices and appliances.

As a Maintenance Electrician, you will work on the maintenance of electrical and electronic installations including automated production systems. Duties include the supervision of the equipment, its maintenance and necessary repairs.

## Progression:

When you complete the Installation Maintenance Electrician apprenticeship programme, you will have satisfied the requirements for registration as EngTech (Engineering Technician) by the Engineering Council. This professional registration will enable you to work as an electrician in a variety of sectors and settings.

### Level:

■ Level 2

### Duration:

■ 42 months

### Entry Requirements:

- GCSE Grade 4/C in GCSE English and GCSE Maths or equivalent

