

AT024

Award in Basic Electrical Fitter Techniques

Course Outline

The training course is intended to provide the learners with the necessary knowledge, skills and competences to assist a licensed electrician to install electrical wiring and to install basic electrical equipment under supervision.

Course Outcomes

This course is meant to provide the learner with occupational health and safety working practices; acquire knowledge to be able to assist in the installation of electrical/electronic equipment in accordance with approved procedures; develop knowledge and skills to be able to assist in the maintenance of electrical installations and equipment in line with approved procedures and under supervision; and to be knowledgeable and have the skill of assisting in the testing of electrical installations and equipment and in the required documentation.



Course Structure

Total of 50 hours

Various Course Structure options made up of:

- Theory, and
- Practical

Self-Study

A reading list will be provided through handouts during the duration of the course.

Selection from;

- Oral Examination (30 minutes),
- Practical Examination (60 minutes) and
- Multiple Choice Examination (90minutes).

Entry Requirements

School leaving certificate or a minimum of 5 years work experience

Learning Objectives

The learner will be able to:

- Explain the key hazards associated with installation.
- Describe the basic principle of the equipment and circuits being installed.
- Identify and describe the responsibility as an assistant electrical fitter to report and give routine handover to supervisors.
- Explain the key hazards associated with maintenance and testing.
- Explain the reason for leakage current.
- Explain the purpose of final quality inspection.

The learner will acquire the required knowledge to be able to:

- Identify instances where additional information would be necessary and liaise with supervisor accordingly;
- Look for information, directions and guidance in the use of materials and tools



Certification

MQF Level 2 Accredited Certification by NCFHE

- No expiry date
- Refresher if there are changes in curriculum

Who May Apply

- Workers
- Self-employed

Further information

Contact our training co-ordinator Ms. Yelenia Saliba

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This course is valid for Jobplus – Investing in Skills funds scheme 2020