**COURSE TITLE :** INTRODUCTION TO HAND SKILLS ELECTRICAL (COURSE 1)

**COURSE DURATION :** 2 WEEKS

**TARGET POPULATION :** This program is aimed at Maintenance Workers. Or to close specific skills gaps.

**COURSE CONTENT:**

* Inspect, Use, Maintain and care for Engineering Hand Tools.
* Select, Use and Care for Engineering Power Tools.
* Apply Safety in an Electrical Environment.
* Apply soldering Techniques.

* Terminate Electrical cables and conductors.

* Join low voltage cables.

 **COURSE TITLE:** INTRODUCTION TO WIREWAYS AND SINGLE PHASE CIRCUITS (COURSE 2)

**COURSE DURATION :** 2 WEEKS

**TARGET POPULATION:** This program is aimed at Maintenance Workers. Or to close specific skills gaps.

**COURSE CONTENT:**

* Install wire ways
* Maintain electrical distribution boards and panels
* Interpret, construct & Wire single phase circuits
* Wire and Commission domestic electrical circuits

**COURSE TITLE:** TESTING AND REPAIR OF MOTORS, LUMINAIRES AND DOMESTIC APPLIANCES

 (COURSE 3)

**COURSE DURATION :** 2 WEEKS

**TARGET POPULATION:** This program is aimed at Maintenance Workers. Or to close specific skills gaps.

**COURE CONTENT:**

* Select, use and care of electrical measuring instruments.
* Install luminaries.
* Fault find, test and repair domestic appliances.
* Maintain and repair 3 phase AC Machines.

 **COURSE TITLE:** INTRODUCTION TO PANEL WIRING (COURSE 4)

**COURSE DURATION:** 3 WEEKS

**TARGET POPULATION:** This program is aimed at Maintenance Workers. Or to close specific skills gaps.

**COURSE CONTENT:**

* Design and Construct a 1 phase circuits

 (This includes reading & wiring relay circuits)

* Design and Construct a 3 phase circuits

 (This includes reading & wiring various direct on line circuits)