



JEPPE
VOCATIONAL TRAINING CENTRE
MerSETA ACCREDITATION NO: 17-QA/ACC/1101/15

JVTC PROVIDER QUALIFICATION IN ELECTRONICS

1. Programme Structure

JVTC Certificate of Competence in Electronics

Duration: 3 Months

Programme Accreditation: Skills Development.

Certifying Body: JVTC

NB. Provider qualifications do not carry any NQF Credits

1.1 Purpose and Rationale of Qualification

This qualification is designed to provide for the learners an understanding of technical electronic principles and skills behind which electronic gadgets are built. The course further empowers students with analytical abilities which involve mathematical calculations.

1.2 career opportunities

Upon completion of this short skills course, the learner will be able to work as;

- An electronic technician
- A factory maintenance team member
- Instrumentation personnel.

1.3 Course structure

1st MONTH (THEORY)

- Intro to Semi-conductor devices
- Intro to Transistors
- Intro to Diodes
- Intro to Power supplies
- Intro to silicon controlled rectifier (scr)
- Intro to transducers

2nd MONTH (Practical Applications)

- Intro to Semi-conductor devices
- Intro to Transistors
- Intro to Diodes
- Intro to Power supplies
- Intro to silicon controlled rectifier (scr)
- Intro to transducers

3rd MONTH

1. Building of power supplies
 - Transformers
 - Rectifiers.(Half wave , full wave)
 - Filters (LC π filter , RC π filter, simple Cap filter & LC filter
 - Voltage regulators

Payment Requirements

- Tuition fee: R8500
- 1 Ream of paper
- Student levy: R350

NOTE:

1. The tuition fee can be paid at once or in 3 monthly instalments.
2. No learner will receive his/her certificate before full payment of all the tuition fees is paid to the college account.

1.4 Registration requirements: Guardian and learner certified ID copies, completed registration documents, proof of residence and a minimum of a grade 9 school report.

Banking Details:Jeppe Vocational Training Centre: Standard Bank Account NO. 002498200 Branch Code 5205