



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

JVTC PROVIDER QUALIFICATION IN AUTOMOTIVE (PETROL ENGINES)

1. Programme Structure

JVTC Certificate of Competence in Automotive (Petrol Engines)

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 an opportunity for the learners to understand the air fuel mixture properties and ratios and the engine fuel mixture intakes, compression strokes, combustion strokes and power output. On completion the learner will be able to work in the motor vehicle industry on petrol engines.

1.2 career opportunities

Upon successful completion of this short skills development course, the learner will be able to;

- Work as an Auto-electrical mechanic
- Work in the automotive industry (Petrol Engines)
- Be Self-employed.

1.3 Course structure

1st MONTH

- Course control documents
- Read engineering drawings
- Use of measuring instruments
- File and saw
- Identify, fault find and examine bearings
- Use a punch and dolly on bearings
- Remove bearing using puller
- Remove a bearing with an adaptor sleeve

2nd MONTH

- Remove and fit a bearing using a press
- Intro to Allowances and tolerances for fits
- Lift and move equipment
- Fit pins and circlips
- Temper and grind a chisel
- Fit washer and tighten screws
- Replace a cylinder head gasket

3rd MONTH

- Maintain a lubrication system, cooling system and fuel system
- Start a petrol engine
- Principles of hydraulics
- Strip, inspect and assemble clutches
- Overhaul a Petrol sub assembly

Payment Requirements

- Tuition fee: R9500
- 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 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