



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

NATIONAL CERTIFICATE IN ENGINEERING FABRICATION PROCESSES

1. Programme Structure

Certificate of competence: ENGINEERING FABRICATION PROCESSES

NQF LEVEL 1

Duration: 8 weeks

Certification Body: merSETA

1.1 Purpose and Rationale of Qualification

Upon successful completion of the course, the learner will be able to perform the basic practical aspects of manufacturing and fabrication processes involved in the production of steel objects and structures. The learner will be able to perform on the job site training but in addition has the opportunity to further his studies.

1.2 career opportunities

- Self-employment
- Manufacturing industry
- road construction

1.3 Course structure

1st MONTH

- Workshop safety
- Introduction to Drawing
- Use of Hand tools
- Intro to Basic manufacturing tools
- Introduction to metallurgy
- Classification of metal
- Properties of metals

2ND MONTH

- Intro to Metal joining processes
- Intro to Metal shaping processes
- Intro to Stress and strain in metals
- Intro to Metal treatment processes
- Introduction to hydraulics
- Heat and heat transfer in production materials
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3RD MONTH

- Tours to factories with related applications
- project

Payment Requirements

- Tuition fee: 5500
- 1Ream of paper
- Student levy: R350

NOTE:

1. The tuition fee can be paid at once or in 8 weekly 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