



**NQF 5
OCCUPATIONAL CERTIFICATE**

SAQA ID 94701

LEARNERSHIP ID Awaiting

QCTO CURRICULUM 672105000 | OFO CODE 672105

CREDITS 469 | Apprenticeship

DURATION 3.25 years | 150 days at the Optimum Engineering Training Centre

QUALIFICATION DEVELOPMENT AND ASSESSMENT PARTNER

National Artisan Moderation Body (NAMB)

**INSTRUMENTATION
MECHANICIAN**

Calibrate, install and remove, fault find and repair and maintain instrumentation equipment, optimise process control coops.

TARGET POPULATION

Unemployed youth who have been recruited and have an employment contract for a minimum period of 4 years, or single or dual trade artisans who have been identified for career progression.

ENTRY REQUIREMENTS

NQF 4 Level with a 50% pass in Mathematics and Science.
Note: Optimum Engineering has a recognised screening and pre-selection process that includes assessments.

EISA REQUIREMENTS

Optimum Engineering Statement of Results for all knowledge, practical and workplace experience modules.
At least 4 years' workplace experience.

Apprentices complete Knowledge and Practical Modules at the Optimum Engineering Training Centres in Gauteng, Germiston or Western Cape, Brackenfell

YEAR 1

Basic Engineering Modules	6 weeks (30 days)
Basic Instrumentation 1 Modules	6 weeks (30 days)

YEAR 2

Instrumentation (Measurement & Control) Modules	6 weeks (30 days)
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YEAR 3

Instrumentation (Process Control, Fault Finding & Maintenance) Modules	6 weeks (30 days)
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Apprentices return to site upon completion of the knowledge and practical training. Guided by a logbook with specific workplace tasks to complete, Apprentices practice skills taught at the Engineering Training Centre with the guidance and assistance of their appointed coach

YEAR 4

Trade Test Preparation

6 weeks (30 days)

Trade Test

3 days

Contact us for a detailed Fact Sheet

QCTO Skills Development Provider

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