

ELECTRICAL ENGINEERING

NATIONAL CERTIFICATE (VOCATIONAL) ELECTRICAL INFRASTRUCTURE CONSTRUCTION LEVEL 2 - 4

Programme structure:

Level 2 - 4 Fundamentals (compulsory)

- Languages
- Mathematics
- Life Orientation

Level 2 Vocational subjects

- Electrical Principles & Practice
- Electronic Control & Digital Electronics
- Workshop Practices
- Electrical Systems & Construction

Level 3 Vocational subjects

- Electrical Principles & Practice
- Electronic Control & Digital Electronics
- Electrical Workmanship
- Electrical Systems & Construction

Level 4 Vocational subjects

- Electrical Principles & Practice
- Electronic Control & Digital Electronics
- Electrical Workmanship
- Electrical Systems & Construction

Admission requirements:

- Level 2: Minimum Grade 9 with Mathematics and Science
- Level 3: Level 2 qualification
- Level 4: Level 3 qualification

Duration:

3 years full-time (1 year per level)

Career options:

- Electrical engineering
- Power distribution
- Generation and transmission

Location:

Pinelands Campus

Jan Smuts Drive, Pinelands
Tel: 021 531 2105/6/7

Guguletu Campus

Corner of NY1 and Ngambu Street, Guguletu
Tel: 021 638 3131

ELECTRICAL ENGINEERING

ELECTRICAL ENGINEERING COURSES: N4 - N6 CERTIFICATE

Programme structure:

- Digital Electronics
- Industrial Electronics
- Electrotechnics (Heavy Current)
- Mathematics
- Communication Electronics (Light Current)
(only Distance Learning)

Admission requirements:

- N4: N3 Certificate or equivalent qualification
- N5: N4 Certificate or equivalent qualification
- N6: N5 Certificate or equivalent qualification

Duration:

10 weeks full-time

NOTE: Programmes are offered part-time and through distance learning

PRACTICAL PROGRAMMES

- Electrical
- Electronics (Electronic Equipment Mechanician & Radio, and TV Mechanician)
- Refrigeration, Airconditioning & Ventilation

Duration:

- 10 weeks full-time
- Short courses and part-time offered subject to demand

NATIONAL N-DIPLOMA

Admission requirements:

- 12 prescribed subjects (N4 - N6)
- 2 years in-service training

Location:

Pinelands Campus

Jan Smuts Drive, Pinelands

Tel: 021 531 2105/6/7