

ELECTRICAL ENGINEERING (NATIONAL N-DIPLOMA) FACT SHEET

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A F R I C A N
A C A D E M Y

Programme: NATIONAL N-DIPLOMA IN ELECTRICAL ENGINEERING N4 – N6

Description

The Electrical field of study consists of two main fields, namely Electrical Heavy Current and Electrical Light Current (also known as Electronics).

Electricians are involved in the generation, installation, distribution and usage of electricity via electrically-operated equipment, e.g. refrigerator, generators, stoves, heaters including industrial and domestic installations.

The National N-Diploma in Electrical Engineering consist of a theoretical part (N4 - N6) and two years' industry related experience. Each certificate is a qualification on its own but for a full National N-Diploma qualification a student must complete all the three certificates plus a Detailed 2-year practical Training Report (Poe).

Admission requirements

N4 Entry Requirement: Matric/Grade 12 (a pass in mathematics and science or N3 Pass (with mathematics and science)

To Proceed to next N-level student must pass all modules of the previous level and statement must indicate successfully completed i.e. N4 for N5, etc.

Selection Procedure

Proof of the above qualifications / reference and interview to confirm suitability, must be supplied by a student upon registration.

Programme content

N4 CERTIFICATE	N5 CERTIFICATE	N6 CERTIFICATE
Mathematics	Mathematics	Mathematics
Engineering Science	Power Machines	Power Machines
Industrial Electronics	Industrial Electronics	Industrial Electronics
Electro-technics	Electro-technics	Electro-technics
Digital Electronics	Supervisory Management	Supervisory Management

Course Duration

The duration of each level is THREE months, therefore a TRIMESTER timetable is followed. Registration takes place in January, April and August, enabling the successful student to accumulate THREE national certificates during the course of one year which will be equivalent to a National N-Diploma upon supplying evidence of 2 years practical training.

Career Path/opportunities

The holder of a National N-Diploma N4 – N6 in Electrical Engineering will be able to take up employment in one of the following fields:

Electrical Engineering & Construction

Industrial Engineering

Process Control

Digital Electronic Engineering

Industrial Electronic Engineering

Assessment

The pass requirement is a minimum of 40% per subject. Evaluations are cumulative, based on regular class tests and practical testing. During the trimester, two tests are written to qualify a student for examination and at the end of each trimester an external examination is written.

National Certificate: The student will receive a national certificate from the Department of Education if all external department exams are passed. This certificate is not issued by us, but only by the department of education. And a National N-Diploma will be awarded where a student has supplied the evidence of practical experience of 2 years.

Course Fees

R11 000 Per N-Level excluding books.

Text books for this course per trimester will not exceed R1500 which has to paid for by a student.

Module fee is R3000 excluding books.

Regulatory Information

This programme is accredited and quality assured by the Quality Council for Trades and Occupations (QCTO).

Disclaimer

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