

NATIONAL CERTIFICATE ELECTRICAL INFRASTRUCTURE CONSTRUCTION



Elangeni College

For Further Education and Training

A new Vocational study option at Public FET Colleges

Public FET Colleges now offer a new, exciting, modern and relevant range of vocational programmes known as the National Certificate (Vocational). These vocational programmes are high skills, high quality and high knowledge programmes introduced at FET Colleges nationally in 2007 and are intended to directly respond to the priority skills demands of the modern economy.

What is the National Certificate (Electrical Infrastructure Construction) Qualification?

The National Certificate (Electrical Infrastructure Construction) is a new qualification at each of Levels 2, 3 and 4 of the NQF. This qualification is designed to provide both the theory and practice of Electrical Infrastructure Construction. The practical component of study may be offered in a real workplace environment or in a simulated experience workplace environment. It will provide students with an opportunity to experience work situations during the period of study.

What are the minimum entry requirements to the qualification?

For entry into the National Certificate (Electrical Infrastructure Construction) at NQF Level 2, you require:

- A year end school report for Grade 9 or higher; or
- An NQF Level 1 qualification; or
- An approved bridging programme designed for the specific purpose to access NQF Level 2; or
- A Recognition of Prior Learning (RPL) assessment to meet the basic requirements for access to NQF Level 2.

How long is the Qualification?

The National Certificate (Electrical Infrastructure Construction) qualification is a full year programme at each of the NQF levels of study. A student is issued with a certificate on the successful completion of each level of study, that is Level 2, Level 3, and Level 4.

Which subjects make up a National Certificate (Electrical Infrastructure Construction)?

In order to obtain a National Certificate (Electrical Infrastructure Construction), a student is required to take a total of 7 subjects. These include 3 fundamental subjects and 4 vocational subjects.

Clermont Campus: (Details to be announced) **KwaMashu Campus:** F5 Malandela Road, KwaMashu, Tel: 031 - 503 9708 **Mpumalanga:** 280
Shezi Road, Mpumalanga, Tel: 031 771 2568 **Ndwedwe Campus:** P100 Main Road, Ndwedwe, Tel: 032 - 532 1519
Ntuzuma Campus: Ithendele Drive, Ntuzuma, Tel: 031 - 509 1924 **Ohlange Campus:** (Details to be announced)
Pinetown Campus: 38 Bambo Lane, Pinetown 3600, Tel: 031 - 702 3260 **Qadi Campus:** Zulu Reserve Road, Bath's Hill, Tel: 031 - 777 1742
Central Office: Tel: 031-716 6700 Fax: 031-6777 E-mail: info@efet.co.za Website: www.efet.co.za

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Which are the fundamental subjects?

The 3 fundamental subjects are:

- Language - which must be the language of teaching and learning;
- Mathematics or Mathematical Literacy; and
- Life Orientation

What are the Vocational subjects in Electrical Infrastructure Construction?

The vocational subjects in Electrical Infrastructure Construction are:

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

These subjects are offered at each of the different NQF Levels of study in the National Certificate (Electrical Infrastructure Construction) qualification.

What vocational activities would this give you access to?

The holder of the National Certificate (Electrical Infrastructure Construction) will be able to:

- Work at a power station
- Work as an electrician at an energy producing company or power plant
- Work as an electrical technician at a telecommunications company
- Work at a recording studio as an electrical engineer
- Work at a theatre as a technician

What career opportunities do I have after completing the National Certificate (Electrical Infrastructure Construction)?

The National Certificate (Electrical Infrastructure Construction) provides an opportunity to access careers in any of the sectors listed below.

- Electrical Engineering
- Industrial Engineering
- Sound Technology
- Theatre Technology
- Process Level Control
- Digital Electronics
- Instrumentation

PLEASE NOTE: Each Campus has pre-selected subjects. Please enquire with the Campus.

Courses are campus-specific and subject to student enrolments.

Elangeni College is the first educational institution in the country to achieve simultaneous dual SABS certification.

An ISO 9001:2000 and OSHAS 18001:2007 Certified Organisation



All information correct at time of print. E&OE.

