



FACULTY OF ENGINEERING

**NC: Civil
Engineering**
N4 -N6 (1 Year)

COURSE DESCRIPTION

The programme progresses through three levels. Each N level takes place over one trimester. After each trimester, students are eligible for a National Certificate on that level. We recommend continuing through all three levels in order to qualify for the National Diploma. The National Diploma requires students to work for 24 months in a Civil Engineering department before they are entitled to receive a National Diploma.



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NC: Civil Engineering N4 -N6 (1 Year)

1: ENTRY LEVEL REQUIREMENTS

Learners who want to register for this qualification must have;

N4

- An appropriate National Certificate: N3: Engineering Studies.
- Grade 12/Matric pass with 40% in Physics & Maths

N5

- A National Certificate: N4: Civil Engineering or
- An Equivalent Qualification

N6

- A National Certificate: N5: Civil Engineering or
- An Equivalent Qualification

2: MODULES BY SEMESTER

N4

- Building Administration
- Quantity Surveying
- Mathematics
- Building and Structural Construction

N5

- Quantity Surveying
- Building and Structural Construction
- Mathematics
- Building Administration

N6

- Quantity Surveying
- Building and Structural Construction
- Mathematics
- Building Administration

3: LEARNING OUTCOMES

Recipients of this Qualification will be able to:

- Evaluate and apply essential methods to technical operational systems.
- Analyse and apply acquired knowledge in performing the tasks and solve common problems.
- Execute role and responsibilities by being able to summarise, classify, discuss and estimate application processes required through mathematical concepts, technical and schematic diagrams, computer and technology usage in a range of different contexts.
- Communicate with peers, customers and members of supervisory/management levels by presenting information reliably and accurately in spoken and written form.

4: ARTICULATION OPTIONS

N4

This qualification has been designed to allow entry into N5

N5

This qualification has been designed to allow entry into N6.

N6

Higher certificate, Diploma or Bachelor's Degree.

The following criteria must be met in order to write the National DHET Examinations
* DP 40%
* Attendance Ratio 80%

5: JOB OPPORTUNITIES

Find Employment

- Construction Foreman
- Construction Supervisor

- Plumber
- Building Inspector

- Contractor
- Assistant Surveyor

6: LEARNING OUTCOMES

Completion of National Certificates: Civil Engineering N4, N5 and N6 as above plus 24 months of practical experience in a workplace leads to the National Diploma in Mechanical Engineering.

