



# **NATIONAL N CERTIFICATE**

## **ELECTRICAL ENGINEERING N6**

### **DESCRIPTION**

This course builds on the knowledge and skills that you gained in the previous level (N5), and further prepares you for the workplace by introducing you to various aspects of Electrical Engineering. It also equips you with more of the knowledge and skills that you need to work in the field.

### **ENTRY REQUIREMENT**

1. N5 Nated Certificate

### **DURATION AND ACCREDITATION**

3 Months for theory, simulations and on-site practicals

This course is accredited by the Quality Council for Trades and Occupations as the quality assurance body and the Department of Higher Education and Training as the assessment body.

### **EXAMINATION / ASSESSMENTS**

The learner is externally assessed by Department of Higher Education and Training at the end of each trimester in the modules that the learner registered in that particular trimester. To qualify for this assessment, the learner has to obtain 40% in each of the Internal Continuous Assessments (Tests and assignments) conducted internally during the course of the trimester.

### **CERTIFICATION**

A National Nated Certificate in Electrical Engineering N6 will be issued on successful passing of all required N6 modules. This certificate is issued by Department of Higher Education and Training as the quality assurance and assessment body.

### **DIPLOMA ISSUING**

A National N Diploma will be issued by the Department of Higher Education and Training after successful completion off all the theory components at N4, N5 and N6 together with evidence of at least 18 Months or 2000 hours of applicable experience in commerce and industry that has as its main function the practical execution of the two main instructional offerings at N6 level

## COURSE OUTLINE / N6 MODULES

Subject Code	Subject Name	Credits	Field
<i>Compulsory Modules</i>			
1. 16030186	Mathematics	0.083	10
2. 08080186	Industrial Electronics	0.083	6
<i>Choose two from the following</i>			
3. 08190046	Power Machines (Heavy Current)	0.083	6
4. 08080306	Logic Systems (Light Current)	0.083	6
5. 08080126	Fault Finding (Light Current)	0.083	6
6. 08080096	Electro-technics (Heavy Current)	0.083	6

### CAREER OPTIONS

- Electrical Technicians
- Electrical Technologists
- Electrical Trainers
- Industrial Managers

### REGISTRATION REQUIREMENTS

1. Applicant Certified ID / Passport copies
2. Parent / guardian / next of keen ID copies
3. 2 ID sized passport photographs
4. Proof of address
5. Certified N5 Certificate

### THE QUALIFICATION FEES STRUCTURE

*Registration fee is R1000.00 and Nonrefundable.*

SUBJECTS	4 SUBJECTS	3 SUBJECTS	2 SUBJECTS	1 SUBJECT
ADMISSION	R 1200.00	R 1000.00	R 800.00	R 600.00
MONTHLY INSTALLMENT	R 1200 * 3 = R 3600	R 1000 * 3 = R 3000	R 800 * 3 = R2400	R 600 * 3 = R 1800
<b>TOTAL FEES</b>	<b>R 5 800.00</b>	<b>R 5 000.00</b>	<b>R 4 200.00</b>	<b>R 3 400.00</b>

### College banking details

Standard Bank SA

Fredstone City College (Pty) Ltd

**Account NO:** 010117596939

**Ref:** Learner / Applicant full names

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