



# **NATIONAL N CERTIFICATE**

## **ELECTRICAL ENGINEERING N3**

### **DESCRIPTION**

This course builds on the knowledge and skills that you gained in the previous level (N2), 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.

Electrical engineering is a profession engineering discipline that deals with the design, construction and maintenance of electrical components both a large scale (Heavy Current) and small scale (Light Current)

### **ENTRY REQUIREMENT**

1. Grade 12 with a pass in Mathematics and Physical Science
2. N2 Nated Certificate

### **DURATION AND ACCREDITATION**

3 Months for theory, simulations and on-site practicals

This course is accredited by UMALUSI 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 N3 will be issued on successful passing of all required N3 modules. This certificate is issued by UMALUSI as the quality assurance and assessment body.

## COURSE OUTLINE / N3 MODULES

Subject Code	Subject Name	Credits	Field
<i>Compulsory Modules</i>			
1. 16030143	Mathematics	0.083	10
2. 08080613	Industrial Electronics	0.083	6
<i>Choose two from the following</i>			
3. 15070413	Engineering Science (Heavy Current)	0.083	6
4. 08080273	Logic Systems (Light Current)	0.083	6
5. 11040463	Instrument Trade Theory (Light Current)	0.083	6
6. 11041263	Electrical Trade Theory (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. Grade 12 / N2 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

**Bank Name:** Standard Bank SA

**Account holder:** Fredstone City College Pty Ltd

**Account Number:** 010117596939

**Ref:** Learner / Applicant full names