



NATIONAL N CERTIFICATE

ELECTRICAL ENGINEERING N1

DESCRIPTION

Electrical engineering is an engineering discipline concerned with the study, design and application of equipment, devices and systems which use electricity, electronics and electromagnetism.

The purpose of this qualification is to provide learners, training providers and employers with standards and the range of learning required to work effectively within various industries making use of electrical engineering knowledge and skills to meet challenges of the electrical engineering environment.

ENTRY REQUIREMENT

1. Grade 10 with a pass in Mathematics and Physical Science
2. No formal communication for anyone older than 23

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 N1 will be issued on successful passing of all required N1 modules. This certificate is issued by Department of Higher Education and Training as the quality assurance and assessment body.

COURSE OUTLINE / N1 MODULES

Subject Code	Subject Name	Credits	Field
<i>Compulsory Modules</i>			
1. 16030121	Mathematics	0.083	10
2. 15070391	Engineering Science	0.083	10
3. 08080641	Industrial Electronics	0.083	6
<i>Choose one from the following</i>			
4. 11040821	Radio Television Theory (Light Current)	0.083	6
5. 11041861	Electrical Trade Theory (Heavy Current)	0.083	6

CAREER OPTIONS

- Electrical Technicians
- Electrical Technologists
- Electrical Trainers
- Industrial Managers
- Self-employed Electrician

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 metric or high school certificates

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
TOTAL FEES	R 5 800.00	R 5 000.00	R 4 200.00	R 3 400.00

COLLEGE BANKING DETAILS

Bank Name: Standard Bank SA

Account holder: Fredstone City College Pty Ltd

Account Number: 010117596939

Branch code: 018105

Ref: Learner / Applicant full names