



# Fredstone

## City College

---

Tel: +27 11 331 0125 Cel: +27 83 697 4690  
Email: [Info@fredstone.co.za](mailto:Info@fredstone.co.za) [www.fredstone.co.za](http://www.fredstone.co.za)

---

### **NATIONAL CERTIFICATE VOCATIONAL (NCV)**

## **Electrical Engineering Level 2** (Electrical Infrastructure Construction)

Certification Body

**UMALUSI**

## INTRODUCTION

The National Certificate Vocational (NCV) in Electrical Engineering is a three year (Levels 2 - 4) qualification that combines theory with Practical skills in careers like electrician, Industrial Engineer, contractors and technicians providing specialized training in heavy/light current and electrical components.

The practical component of the study is offered in a real workplace environment or in a simulated workplace environment. This provides students with an opportunity to experience workplace situations during the period of study.

## ENTRY REQUIREMENTS

Grade 9 or its equivalent

## DURATION

12 Months (1 Year)

## EXAMINATION AND ASSESSMENT

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

## CERTIFICATION

A National Certificate Vocational (NCV) in Electrical Engineering will be issued on successful passing of all required level 2 modules. This certificate is issued by the UMALUSI as the quality assurance body in coordination with the Department of Higher Education and Training as the assessment organ.

## ARTICULATION

**Vertical Articulation (Progression):** Learners who successfully complete NCV Level 2 can proceed to NCV Level 3, and subsequently to NCV Level 4 (equivalent to Matric)

## CAREER OPTIONS

- ✧ Automation and Technology
- ✧ Electrical Engineer
- ✧ Digital Electronics Engineer
- ✧ Instrumentation and Control systems
- ✧ Renewable energy systems
- ✧ Town and Regional Planning

## REGISTRATION REQUIREMENTS

- ✧ Applicant's certified ID Copies
- ✧ Parent / Guardian ID Copies
- ✧ Proof of Address
- ✧ 2 ID Photos
- ✧ Certified latest academic transcript

## COURSE OUTLINE / LEVEL 2 MODULES

Subject Code	Subject Name	Credits	Field
<i>Fundamentals / Compulsory subjects</i>			
1. 04101102	English First Additional Language	19	3
2. 10501042	Mathematics	16	3
3. 07601012	Life Orientation	01	3
<i>Vocational compulsory subjects</i>			
4. 12041002	Electrical Principle and Practice	25	3
5. 12041022	Electronic control and Digital electronics	25	3
6. 12041012	Workshop Practice	25	3
<i>Optional vocational subjects (Choose 1)</i>			
7. 12041032	Electrical Systems and Construction	25	3
8. 10021002	Physical Science	25	3
9. 12020132	Renewable Energy Technologies	25	3

## QUALIFICATION FEES STRUCTURE

*Registration fee is R1000.00 and Nonrefundable.  
(Registration and Deposit only applies to new students)*

SUBJECTS	6 SUBJECTS	5 SUBJECTS	4 SUBJECTS	3 SUBJECTS	2 SUBJECTS	1 SUBJECTS
ADMISSION	R 1200.00	R 1000.00	R 800.00	R 600.00	R 400.00	R 200.00
MONTHLY INSTALMENTS	R 1200.00 * 12	R 1000.00 * 12	R 800.00 * 12	R 600.00 * 12	R 400.00 * 12	R 200.00 * 12
<b>TOTAL FEES</b>	<b>R 16 600.00</b>	<b>R 14 000.00</b>	<b>R 11 400.00</b>	<b>R 8 800.00</b>	<b>R 6 200.00</b>	<b>R 3 600.00</b>
EXAM ONLY	Registration: R 1200.00			R 600.00 Per Subject		

### College banking details

Standard Bank SA

Fredstone City College Pty Ltd

Account No: 10117596939

Branch code: 018105

Reference: Learner / Applicant full names

*NB: All deposit slips must be submitted to the college for recording*

EST 2005



**+27 83 697 4690**