

# Diploma in Electrical Engineering (Level 4)

African Academy  
15 Reservoir Street,  
Boksburg East Industrial, Gauteng  
PO Box 26061, East Rand, 1462



Tel: +27 (0) 11 914-4340  
Fax: +27 (0) 11 914-4342  
info@africanacademy.co.za  
www.africanacademy.co.za

**A F R I C A N  
A C A D E M Y**

**Programme:** DIPLOMA IN ELECTRICAL AND ELECTRONICS ENGINEERING (9209-02)

**Part-time/Full-time:** 4 Saturdays per month/ 4 day per week

## **Description:**

The Programme has been designed to enable you to reach the following outcomes:

### **Electrical and Electronics Engineering**

Provides more practice involving a broader range of skills appropriate to a person who may be on a supervisory or management level or who is proceeding into higher education.

### **Admission requirements:**

Successful completion of level 3 or any equivalent qualification

### **Semester 1**

Engineering Mathematics (unit 401)

Quality assurance and control (unit 403)

Principles of electrical/electronic engineering (unit 402)

Statistical Analysis for Engineers (unit 406)

Electrical services and installation (unit 411)

Engineering Planning and Scheduling (unit 405)

### **Semester 2**

Principles and operation of electrical machines (unit 409)

Electrical supply and distribution (unit 412)

Maintenance of engineering systems and equipment (unit 418)

Planning and implementing change within businesses (unit 421)

Programmable logic controllers (unit 414)

**Duration:**

DEPENDANT ON ENTRIES

**Diploma:** 1 years

**Course Fees ( R 35 000 per year).**

**No additional Costs. All costs contained within the course fee.**

**Certification:**

On successful completion of the full programme, the student will receive a City and Guilds certificate.

City & Guilds is a globally recognized and respected awarding organization and serves as a benchmark for educational quality.

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The African Academy is:



**Why attend**

City and Guilds award certificates to people who have shown they have mastered skills that are based on excellent standards set by industry. City and Guilds international provides a particular service to customers around the world who need high-quality assessments and certification.

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