

# Diploma in Mechanical Engineering (Level 1 to Level 3)

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 MECHANICAL ENGINEERING (2850-80), (2850-52) AND (2850-88)

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

## **Description:**

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

## **Mechanical 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 metric (grade 12) with at least 50% Mathematics; Physical Science or an equivalent qualification

## **First year:**

### **Level 1 Certificate in Engineering (2850-80)**

#### **Semester 1**

Working in engineering (e-volve on line test) (unit 101)

Communicating using CAD system (unit 115)

Producing Engineering Drawings (unit 116)

Working in engineering (e-volving test) (unit 201)

#### **Semester 2**

### **Level 2 Diploma in Engineering-maintenance, installation and commissioning (2850-52)**

Principles of engineering Technology (e-volving test) (unit 202)

Principles of maintenance technology (unit 254)

Assembling and maintaining fluid power systems (unit 209)

Maintenance of mechanical devices and equipment (unit 210)

**Second year:**

**Semester 1**

**Level 3 Diploma in Engineering-maintenance, installation and commissioning (2850-88)**

Maintaining of electrical equipment and system (unit 222)

Engineering Health and safety (e-volving on line test) (Unit 301)

Advanced mathematics and Science (Written) (Unit 361)

Advanced mathematics and Science (Unit 362)

**Semester 2**

Engineering principles (e-volving on line test) (Unit 302)

Principles of engineering maintenance, installation and commissioning (356)

Organising and managing engineering operations (Unit 330)

Maintenance of machine systems (unit 317)

**Duration:**

DEPENDANT ON ENTRIES

**Diploma:** 2 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.



**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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