

MECHANICAL ENGINEERING

Programme Title	SAQA ID
*National N Diploma: Mechanical Engineering (SAQA ID 90674)	N4 66881
	N5 66960
	N6 67005

About the qualification

Mechanical Engineering involves the design and development of machinery, ranging from simple mechanisms up to more complex machines. The process of Mechanical Engineering includes the planning and designing of these structures, as well as operating and maintaining them. Mechanical Engineers use an understanding of core concepts such as kinetics and thermodynamics (application of heat and mechanical power) to create and analyse a wide variety of machines and processes. The design of the qualification enables learners to obtain the qualification by completing the related N4, N5 and N6 courses. On completion of the N4, N5 and N6, learners must complete 2 years of practical workplace learning for the learners to be awarded the National N Diploma (N6).

Type of programme

- Full Time / Part Time
- National Qualification

Career & Job Opportunities

On completion of this qualification, successful learners could pursue a career in:

- Mechanical Engineering
- Design Engineering
- Materials Science
- Process Controlling/Technician

Admission Requirements

Senior Certificate or NSC with Maths.

Duration

The duration of study for this professional qualification is 18 months, full time or part time and tuition is face to face or online. Programmes are offered during the week on a full time/part time basis. Minimum 18 Years + **2 Years in-service Training.**

Pricing

Send an email to info@amilaktraining.co.za for a quotation.

Student Enrolment Process

Once a student has signed up, there is a step-by-step guide to ensure that the student is enrolled and can commence with their studies

- **Step 1:** Complete Amilak Training Center Application form
- **Step 2:** Submit Application form with required supporting documentation (CV, highest school, ID) to Amilak Training Center
- **Step 3:** Amilak Training Center conducts admission assessments
- **Step 4:** Notification of admission and registration procedures commence
- **Step 5:** Orientation workshop
- **Step 6:** Journey commences to obtaining your qualification in: Mechanical Engineering

Programme Outline

Year 1:

SEMESTER 1	SEMESTER 2
MATHEMATICS N4	MATHEMATICS N5
ENGINEERING SCIENCE N4	POWER MACHINES N5
ELECTROTECHNICS N4	STRENGTH OF MATERIALS AND STRUCTURES N5
MECHANO TECHNICS N4	MECHANO TECHNICS N5

Year 2:

SEMESTER 1
MATHEMATICS N6
POWER MACHINES N6
STRENGTH OF MATERIALS AND STRUCTURES N6
MECHANO TECHNICS N6

Examination

Department of Higher Education & Training (DHET) is the only examination body responsible to set and administer National Examinations. Only students who have registered and complied with the administration requirement will be allowed to write examination.

Course material & additional fees

Leaners must make provision for additional items such as textbooks, stationery, re-write examinations.

Certification

- On successful completion of the programme, you will receive the following certification:
 - **NATIONAL CERTIFICATE AT EACH LEVEL: N4, N5, N6**
 - **NATIONAL N DIPLOMA** (on completion of N4-N6 and **2 Years in-service training**).
- All examinations are National Examinations, set and administered by the Department of Higher Education and Training.
- Certificates and Diploma are conferred by the Department of Higher Education and Training.
- All qualifications are nationally recognised by industry and universities.

Language Policy

All classes and assessments are conducted in English. Learners need to be able to understand spoken English and complete their assessments in English.

Further studies

Learners may pursue further studies in the Engineering Faculty at a University of Technology.

Disclaimer

Amilak Training Center reserves the right to change the programme content due to changes in the regulatory environment, market requirements and other reasons. All possible measures will be taken to minimize inconvenience to students.

I,..... (student name), hereby acknowledge that I understand the information stated in this factsheet and fully comprehend the specifics explained above pertaining to this qualification.

Signature of Learners: _____

Name of Parent/Guardian: _____

Signature of Parent/Guardian: _____

Name of Sales Consultant: _____

Signature of Sales Consultant: _____

Date: _____