



AFRICA FET COLLEGE

“REDEFINING EDUCATION”

MECHANICAL ENGINEERING (NATIONAL N-DIPLOMA) FACT SHEET

PROGRAM	SAQA ID	NQF LEVEL	DURATION	QCTO ACCR NO.	CERTIFICATION BOARD
MECHANICAL ENGINEERING	50908401	6	3 years	07QCTO/SDP25 0422 - 5363	DEPARTMENT OF HIGHER EDUCATION AND TRAINING

PROGRAM OVERVIEW

A mechanical engineering program teaches you to design, analyze, manufacture, and maintain mechanical systems. The Mechanical Engineer You will be able to design mechanical equipment, manage design projects and work effectively in engineering field. The National N-Diploma consists of a 1-year theoretical component (N4 – N6) as well as an industrial practical component of 2 years.

Admission requirements

N4 Entry Requirement: Matric/Grade 12 (a pass in mathematics and science or N3 Pass (with mathematics and science))

To proceed to next N-level student must pass all modules of the previous level and statement must indicate successfully completed i.e. N4 for N5, etc

Selection Procedure

Proof of the above qualifications/reference and interview to confirm suitability, aptitude and experience

Program content

<i>N4 CERTIFICATE</i>	<i>N5 CERTIFICATE</i>	<i>N6 CERTIFICATE</i>
MATHEMATICS ENGINEERING SCIENCE MECHANOTECHNICS MECHANICAL DRAUGHTING / SUPERVISORY MANAGEMENT	MATHEMATICS POWER MACHINES MECHANOTECHNICS / MECHANICAL DRAWING & DESIGN FLUID MECHANICS STRENGTH OF MATERIALS AND STRUCTURES SUPERVISORY MANAGEMENT	MATHEMATICS POWER MACHINES MECHANOTECHNICS / MECHANICAL DRAWING & DESIGN FLUID MECHANICS STRENGTH OF MATERIALS AND STRUCTURES SUPERVISORY MANAGEMENT

Course Duration

The duration of each level is THREE months, therefore a TRIMESTER timetable is followed. Registration takes place in January, April and August, enabling the successful student to accumulate THREE national certificates during the course of one year which will be equivalent to a National N-Diploma upon supplying evidence of 2 years practical training.

Career Path/opportunities

Depending on the necessary practical experience/ program specific training, the following opportunities are available for Mechanical Engineering students:

Air Conditioning
Assembly plants
Construction
Diesel mechanic
Draughtsman
Fitting & turning
Hydraulics & etc

Assessment

The pass requirement is a minimum of 40% per subject. Evaluations are cumulative, based on regular class tests .and practical testing. During the trimester, two internal exams / assessments are written to qualify a student for examination and at the end of each trimester an external examination is written from Department of Higher Education.

National Certificate: The student will receive a national certificate from the Department of Education if all external department exams are passed. This certificate is not issued by us, but only by the department of education. And a National N-Diploma where a student has supplied the evidence of 2 years' practical experience.

Course Fees

R5 900 per N-Level excluding books.

Text books for this course per trimester will not exceed R500 which has to paid for by a student.

Drawing Kit is not included in the study fees.

Disclaimer

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