

PROGRAMME TITLE	NQF	SAQA ID	CREDITS
Diploma: Mechanical Engineering	5	21120	240

DESCRIPTION

To enable the student to perform basic mechanical engineering tasks.

CAREER FIELDS

With this qualification, successful learners could pursue a career as a:

- Aerospace Technician
- Automotive Technician
- Draughtsman
- Process Control/Technician
- Maintenance Foreman
- Mechanical engineer

PROGRAMME OUTLINE

Modules

1st Year 1st Semester Subjects

1.	Mathematics	101
2.	Engineering Science	101
3.	Engineering Drawing	101
4.	Mechanotechnology	101
5.	Communication	101
6.	Computer Practice	101

1st Year 2nd Semester Subjects

1.	Mechanical Draughting	102
2.	Mathematics	102
3.	Engineering Science	102
4.	Mechanotechnics	102
5.	Electro-technology	102
6.	Machines and Properties of Metals	102

2nd Year 1st Semester Subjects

1.	Power Machines	201
2.	Strength of Materials and Structures	201
3.	Mechanical Drawing & Design	201
4.	Mathematics	201
5.	Production and Quality Control	
6.	Electro-technology	201

2nd Year 2nd Semester Subjects

1.	Power Machines	202
2.	Strength of Materials and Structures	202
3.	Mechanical Drawing & Design	202
4.	Mathematics	202
5.	Introduction to Supervisory Management	
6.	Electro-technology	202

TYPE OF PROGRAMME

- Full Time AND Part time

ADMISSION REQUIREMENTS

Std. 10 (Grade 12)



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Recognise prior learning:

This qualification may be achieved in whole or in part through the recognition of prior learning.

LEARNER MATERIAL

All textbooks are included in the tuition fees. A list of textbooks will be provided by your campus academic department.

PRICING

Enquire at the Berea Technical College campus for a current programme pricelist.

EXAMINATION AUTHORITY

- All Examinations are set by Berea College of Technology.

CERTIFICATION

- On successful completion of the programme, the student will receive a Berea College of Technology Certificate: Diploma: Mechanical Engineering level 5

ARTICULATION

- Higher Diploma in Mechanical Engineering

FURTHER STUDIES

Please enquire at the nearest Berea Technical College campus for the prospectus containing post-certificate studies.

DISCLAIMER

The information contained in this fact sheet is accurate at the time of printing. However, factors beyond Berea Technical College control (such as environmental, regulatory or technical changes) may cause the contents of this fact sheet or of the programme to change. In the event of any such change, Berea Technical College will formally notify current learners. All possible measures will be taken to minimise inconvenience to learners.

Name of Learner: I....., hereby acknowledge that I understand the information stated in this document and fully comprehend the specifics explained above pertaining to this qualification.

Signature of Learner:

Name of Legal Guardian:
(if applicable)

Signature:

Name of Sales Consultant:

Signature:

Name of Head of Department:

Signature:

Date:

* Please note the original signed copy should be kept on the learner record file.



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