

# SCHOOL OF ENGINEERING

PROGRAMME TITLE	LEVEL	SAQA ID
Mechanical Engineering	N4	66887
	N5	66960
	N6	67005

## PROGRAM DESCRIPTION

The program incorporates classroom practical's and hands –on training that lets your develop strong technical, analytical and problem solving skills in the challenging field of mechanical engineering. The course provides intensive training in Thermodynamics, instrumentation and control product and system design, and manufacturing.

## CAREER OPPORTUNITIES

- Mechanical Engineering Assistant
- Automotive Engineer
- Maintenance Technician/Engineer
- Production Manager
- Product Design Engineering
- Control and Instrumentation Engineer
- Mechanical Design Engineer

## MODULES PER TRIMESTER

Trimester one (Year one)	Trimester two (Year one)	Trimester three (Year one)
<ul style="list-style-type: none"><li>• Mathematics N4</li><li>• Engineering Science N4</li></ul>	<ul style="list-style-type: none"><li>• Mechanical Draughting N4</li><li>• Mechanotechnics N4</li></ul>	<ul style="list-style-type: none"><li>• Mathematics N5</li><li>• Engineering Physics N5</li></ul>
Trimester one (Year two)	Trimester two (Year two)	Trimester three (Year two)
<ul style="list-style-type: none"><li>• Mechanical Draughting N5</li><li>• Mechanotechnics N5</li></ul>	<ul style="list-style-type: none"><li>• Mathematics N5</li><li>• Engineering Physics N6</li></ul>	<ul style="list-style-type: none"><li>• Mechanical Draughting N6</li><li>• Mechanotechnics N6</li></ul>

## DURATION & MODE OF STUDY

- Full Time: Minimum 2 Years
- Part Time: Minimum 2 Years
- In-Service Training: 18 Months (After completing the N6 Certificate, students need to complete 18 months of practical experience in their area of study to obtain a National N-Diploma.)

## ENTRY REQUIREMENTS

- Grade 12 - Matric,
- A senior certificate or
- National Certificate (N3) or a relevant Nated equivalent qualification

## ADMISSION PERIODS

January, May, and September every year

## STUDY MATERIALS

Textbooks are recommended and supplied by the College.

## PRICING

For the current pricelist please contact the College.

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**EXAMINATION AUTHORITY**

All examinations which hold twice a year are set and conducted by the Department of Higher Education and Training.

**CERTIFICATE & DIPLOMA ISSUANCE**

Certificates of completion and Diplomas are issued to learners by the Department of Higher Education and Training on successful completion of each level and the mandatory 18 months practical work experience.

**STUDYING BEYOND THE DIPLOMA STAGE**

The qualification obtained from this study can be used to apply to study further in any University or Higher education colleges in the country because it is nationally recognized qualification.

**ARTICULATION**

Based on Report 191 from the Department of Higher Education & training, a learner who has successfully completed all the three levels i.e. N4 - N6 may pursue the following path in order to obtain the National-N Diploma

- Complete all compulsory instructional offerings required for the issuance of the National N Diploma Obtain
- work experience for a minimum of 18 months in the field related to his or her studies and provide documentary evidence to the Department of Higher Education & training of applicable experience in relevant field to the candidate’s program of study.
- Candidate must present the N4, N5 and N6 certificates in addition to letter from Employer to the Department of Higher Education & training to apply for the National N Diploma.

**DISCLAIMER NOTICE**

The information contained in this FACT SHEET is accurate at the time of this publication. In the event of factors beyond the control of HillCross Business College occurring hence causing the contents of this fact sheet and or of the program to change, HillCross Business College will make frantic effort to formally notify current and affected learners. Meanwhile HillCross Business College will as much as possible ensure the intactness of the information contained herein.

Learner/Parent/Sponsor Assent	For Official Use
<p>I,....., herewith acknowledge that I fully understand the information contained herein based on the qualification stated within this context.</p> <p>Signature.....</p> <p>Name (Parent/Guardian/sponsor).....</p> <p>Signature (Parent/Guardian/Sponsor).....</p>	