



Engineering (N4):

N4 Engineering Studies (Electrical)

National Certificate

I. KEY QUALIFICATION DETAILS

| Detail | Description |
|-------------------------------|------------------|
| Qualification Category | Engineering (N4) |
| NQF Level | 5 (N4) |
| SAQA Qualification ID | 66881 |
| Minimum Credits | 60 Credits |

Estimated Duration

1 Trimester

The curriculum is fully aligned with Quality Council for Trades and Occupations (QCTO) standards, ensuring practical expertise for industrial environments.

II. ENTRY AND PROGRESSION

The foundational qualifications required to start this course and the subsequent academic pathways available after successful completion are detailed below.

Minimum Entry Requirements:

National Senior Certificate (Grade 12) OR NCV L4, with Mathematics and Physical Science (or N3 equivalent).

Promotion Requirements:

Successful completion of four instructional offerings at N4 level for progression to N5

Articulation Options:

Progress to N5 (66960) and N6 (67005)

III. COURSE CONTENT & FOCUS

The curriculum is fully aligned with Quality Council for Trades and Occupations (QCTO) standards, ensuring practical expertise for industrial environments.

Engineering science and practice modules for Electrical; basic circuitry, machines

Core Content Areas:

Applied mathematics, engineering science, electrical circuits, electromagnetism, direct current machines

Compulsory Modules:

Mathematics N4; Engineering Science N4; Electrotechnics N4 (Principles of Electricity, DC Machines); Industrial Electronics N4

Optional Specialization:

Engineering Drawing N4, or a relevant alternative.

IV. CAREER OUTLOOK

Potential job titles, relevant industries, and opportunities for professional advancement are outlined following this heading.

Career Path / Outcomes / Jobs:

Electrical technician assistant; articulation to N5/N6 and trade qualifications

Industry Relevance:

Electrical technician assistant, artisan apprentice; foundation for trade qualifications.

V. FINANCIAL INFORMATION

Mandatory registration costs, applicable payment schedules, and the overall fee structure for the qualification are presented in the text below.

Registration Cost:

All registration requires a **non-refundable R 950** registration deposit that forms part of the overall course fee.

Overall Fee:

Deposit: R 1450 (Full Qualification and Skill Programme Courses Only (Issuing of student Card/Number))

Payment Terms: 2 x R 750


Total Cost: R 3900

CONTACT US

Contact details, including the official website, dedicated email address, and primary telephone number, are available for direct communication.

 www.rihinstitute.co.za

 richbaminvestmentsales@outlook.com

 +27 71 348 1720



View the SAQA Course Details:

<https://regqs.saqa.org.za/viewQualification.php?id=66881>

MORE ABOUT US

OUR MANDATE

RIH Institute was established to bridge this gap. We provide accredited, practical training that directly fuels the region's most vital industries.

THE OPPORTUNITY

The Steelpoort region is the engine room of South Africa's mining sector, a global hub for platinum and chrome. This world-class industry demands a world-class workforce.

THE CHALLENGE

As identified by industry veterans, a critical gap exists for certified, high-demand artisan and technical skills. Local industry requires job-ready professionals who can immediately contribute to complex, high-stakes operations.



CREDENTIALS

Primary Accreditation Body:

Quality Council for Trades and Occupations (QCTO)

Accreditation Numbers:

09-QCTO/SDP131124084516 for this SDP accreditation covers National Certificates in Engineering Studies for the Mechanical Engineering and Chemical Engineering fields (N4, N5, N6 levels)

Trade Test Centre (TTC):

AC TTC070225201340



RIH Institute is a division of Richbam Investment Holding (Pty) Ltd.