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

- Electrical Engineering
- Industrial Engineering
- Theatre Technology
- Digital Electronics
- Inspectors
- Construction
- Sound Technology
- Process Level Control
- Instrumentation
- Electrician

VUSELELA FET COLLEGE: CORPORATE CENTRE
Tel: 018 406 7800 | Fax: 018 406 7810 | enquiries@vuselelacollege.co.za
www.vuselelacollege.co.za

Programmes are CAMPUS DEPENDENT and the College reserves the right to:
- Offer programmes justified by enrolments
- Change the location/venue
- Cancel the programme
Public FET Colleges offer a stimulating, contemporary and relevant programme of study in ELECTRICAL Engineering. This programme is one of the well-known trusted programmes at FET Colleges.

This programme is intended to directly respond to the priority skills demands of the modern economy for Artisan development. The programme prepares a student to be able to work in different sections of the ELECTRICAL Engineering industry.

What is the NATED N1-N6 ELECTRICAL Engineering qualification?

The NATED N1-N6 ELECTRICAL Engineering qualification is a qualification from Levels N1-N6. This qualification is designed to provide the theory of ELECTRICAL Engineering. The practical component of study is offered in our fully equipped training centre and must be followed in an external workplace environment (On-job training). It provides students with an opportunity to experience actual practical work situations during the period of study. It also entails a period as an apprentice or a learnership to enable a person to be qualified.

What are the minimum entry requirements to the qualification?

Entry requirement:
- Gr 9 -11 with letter from employer
- Gr 12 or N1 with relevant technical subjects for N2/N3

Duration of programme

Engineering programmes follow a trimester calendar so each of N1–N6 is 12 weeks Per N-Level which includes the National examination, with registration during January/May/August.

Certificate:
Twelve (12) weeks (One trimester) per N-level from N1-N6 = 6 Trimesters if a person takes 4 subjects per trimester

National Diploma:
Work for 24 months (2 years) in the Electrical Field obtaining relevant experience in at least two of the subjects done in N6, then apply for a National Diploma at the campus where they have studied.

Which subjects make up the N1-N6 studies for ELECTRICAL Engineering??

<table>
<thead>
<tr>
<th>N1</th>
<th>N2</th>
<th>N3</th>
</tr>
</thead>
<tbody>
<tr>
<td>Electrical Trade Theory</td>
<td>Electrical Trade Theory</td>
<td>Electro-Technology</td>
</tr>
<tr>
<td>Industrial Electronics/Engineering Drawing</td>
<td>Industrial Electronics/Engineering Drawing</td>
<td>Industrial Electronics/Engineering Drawing</td>
</tr>
<tr>
<td>Mathematics</td>
<td>Mathematics</td>
<td>Mathematics</td>
</tr>
<tr>
<td>Engineering Science</td>
<td>Engineering Science</td>
<td>Engineering Science</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>N4</th>
<th>N5</th>
<th>N6</th>
</tr>
</thead>
<tbody>
<tr>
<td>Electrotechnics</td>
<td>Electrotechnics</td>
<td>Control Systems</td>
</tr>
<tr>
<td>Industrial Electronics</td>
<td>Strength of Materials &amp; Structures</td>
<td>Power Machines</td>
</tr>
<tr>
<td>Mechanotechnics</td>
<td>Power Machines</td>
<td>Mechanotechnics</td>
</tr>
<tr>
<td>Mathematics</td>
<td>Mechanotechnics</td>
<td>Supervisory Management</td>
</tr>
<tr>
<td>Engineering Science</td>
<td>Industrial Electronics</td>
<td>Industrial Electronics</td>
</tr>
<tr>
<td>Supervisory Management</td>
<td>Electrotechnics</td>
<td>Electrotechnics</td>
</tr>
</tbody>
</table>