The N1 to N3 National Certificates in the Mechanical Engineering programme caters for students who would like to study any of the following engineering subjects: Motor/Diesel Mechanic, Boiler Maker/Structural Steel Worker, Sheetmetal Worker, Welder or Fitter and Turner.

**Career Options**

**What will I be qualified as once I’ve completed this course?**

The holder of a National N1 – N3 Certificate in Mechanical Engineering will be able to take up employment in one of the following fields:

- Automotive Maintenance and Repair (Motor/Diesel)
- General manufacturing engineering
- Marine industry
- General maintenance engineering
- Mining industry

**What will I be able to do?**

- Take up a position as an apprentice or learner technician to gain the necessary industrial experience to be able to do a trade test.

**In which industries will I be able to work?**

- Any industry or organisation that requires a person with Mechanical Engineering qualifications and skills obtained through studying N1 – N3: Mechanical Engineering.

**What could I do to further improve my skills and my chances of furthering my career?**

Achieving the necessary entry requirements at academic level in N3 of this course will enable you to continue studying in a Mechanical Engineering-related field of study. This can be done by studying towards the National N-Diploma by doing the N4 – N6 Certificates in Mechanical Engineering, followed by 2 years of practical work experience in the related field of study. Further studies can be undertaken at any institution of Higher Education, such as a University or University of Technology should you meet the necessary entry requirements.

**Programme Structure**

**What will I be studying during this course?**

**N1 CERTIFICATE**

- Mathematics
- Engineering Drawing/Platers Drawing
- Engineering Science
- Motor or Diesel Trade Theory, Metal Workers Theory, Fitting and Turning

**N2 CERTIFICATE**

- Mathematics
- Engineering Drawing/Platers Drawing
- Engineering Science
- Motor or Diesel Trade Theory, Metal Workers Theory, Fitting and Turning

**N3 CERTIFICATE**

- Mathematics
- Engineering Drawing/Platers Drawing
- Engineering Science
- Motor or Diesel Trade Theory, Mechanotechnology

All examinations are external (national).
Admission Requirements
What do I need to have completed before I can apply to study this course?
• N1: Minimum of Grade 9 with Mathematics above 60%
• N2: N1 or equivalent
• N3: N2 or equivalent

How do I get an apprenticeship to allow me entry into this course?
• You must be registered as an apprentice with a company.

Duration
• 1 year full-time (each level is 12 weeks)
• Enrolment in January, May or September (Part-time - not available)