Introduction
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 maintenance engineering
• Marine industry
• General manufacturing 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
• Each level is one trimester (12 Weeks) (Part-time - This course will only be offered on a distance-learning basis.)