



NIMET

Course: Mechanical CAD/CAM Technician
: NQF and SAQA ID to be advised (in the process of registration)

Duration: 1 year Theoretical
: 1 Year Practical and work experience

The program prepares graduates to become computer aided designs, computer aided manufacturing (CAM) Specialist, Computerized Numerical control (CNC) programmers, general machinist/CNC, draughtsman AND Quality control persons.

Admission Requirement:
 Full Metric/Grade 12 certificate or N3 Engineering Certificate

Course Content

1st Trimester
Mechanical Engineering Draughting
CNC fundamentals and Programming
End User Computing
Engineering Mathematics
2nd Trimester
Computer Aided Draughting
Manufacturing Processes
Supervisory Management
Communication Management
3rd Trimester
3D Modelling Software (Inventor and Solidworks)
Computer Aided Manufacturing (CAM) 1- 2D Programming
Computer Aided Manufacturing (CAM) 2- 3D Programming
Advanced Machining Practices (Software integration)

Careers path and industries of opportunities

Mechanical Engineering	Mechatronics Engineering	Business Management
Power Plant Engineering	Draughting	Project Management

- On successful completion of minimum 1 years as per programme, the student will receive Certificate from the Department of Higher Education. This certificate relates to the National Certificate.
- Registration fee is **R300** and Course fee: **R28 500 for the full course**. These study fees **do not** include the cost for study material.
- **We assist with placement for practical experience (experiential learning)**
- Disclaimer:

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