



NATIONAL DIPLOMA: MECHANICAL ENGINEERING

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MECHANICAL ENGINEERING : FITTING & TURNING

The mechanical engineer is involved with design, development, production, installation, maintenance and general research of machinery and mechanical equipment in almost every type of industry and technology. The mechanical engineer usually specializes in one of the many fields in engineering, such as transportation, mining, environment engineering, industrial engineering or manufacturing.

DURATION

Each level requires four subjects and runs for 10 weeks per trimester duration. Enrolments take place every trimester for all engineering courses.

ENTRY REQUIREMENTS

Grade 12 Certificate

WHAT IS THIS COURSE ABOUT?

Provision of a formal qualification that will equip and prepare the student to effectively pursue an career path that involves fixing machinery, fitting parts and ensuring that equipment runs efficiently. It is all about maintenance and repairs.

WHAT CAREER OPPORTUNITIES ARE OUT THERE?

- Manufacturing & Industrial Engineering
- Metallurgical & Materials Engineering
- Boilermaking
- Automotive Repair & Maintenance
- Tool Making
- Fitting & Machining
- Welding

WHAT SUBJECTS WILL I BE TAKING?

N4

- MECHANICAL DRAUGHTING
- MATHEMATICS
- ENGINEERING SCIENCE
- MECHANOTECHNICS
- SUPERVISORY MANAGEMENT

N5

- MECHANICAL DRAWING & DESIGN
- MATHEMATICS
- POWER MACHINES
- MECHANOTECHNICS
- SUPERVISORY MANAGEMENT

N6

- MECHANICAL DRAWING & DESIGN
- MATHEMATICS
- POWER MACHINES
- MECHANOTECHNICS
- SUPERVISORY MANAGEMENT

