

Diesel Mechanics



Programme description

Diesel Mechanics, service, maintain and repair heavy road transport equipment, e.g. trucks and buses.

Typical work carried out on a daily basis could be the service, repair or diagnoses of system faults in the following areas, diesel engines, transmissions, clutches, cooling systems, drivelines, suspension, diesel fuel systems, brakes, steering, single electrical circuits, starting systems, charging systems and batteries.

Course Duration

Level 1-3 (3 years)

Course Contents

- Diesel Mechanic Theory
- Diesel Mechanic Practice
- Engineering Science
- Technical Drawing
- Mathematics

Educational Requirements

Grade 10 or Grade 12 National Certificate

Recommended Subjects: English, Mathematics, Physical Science, Technical Drawing

Occupational Requirements

Diesel Mechanics should:

- work independently
- be able to work under severe dusty and climatic conditions
- be willing to work irregular hours
- be able to plan and organize
- be able to take calculated decisions
- be able to apply diagnostic skills
- advise customers of future possible failures of vehicle components
- ensure safety and roadworthiness of the vehicles

Qualification Award

National Vocational Certificate: (Automotive Engineering) Diesel Mechanics



Career Opportunities

- Equipment dealerships
- Earthmoving/Construction companies
- Mining industry
- Mechanical repair workshop