

# MY FUTURE??

★ National Certificate  
(Vocational)??

Engineering &  
Related Design ★

South Africa needs engineering skills  
= job opportunities!!!

- > 3 Year national qualification  
(1 level per year - certificate issued at each level)
- > Offered at levels 2, 3 & 4 of the NQF
- > Designed to provide theoretical and practical training
- > Practical component provided in a simulated  
or real work place environment



## NC(V) - Entry Requirements

- Grade 9, 10, 11 or 12 (higher grades recommended)
- NQF Level 1 Qualification
- Approved bridging programme to access NQF Level 2



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### UMFOLOZI COLLEGE CAMPUSES THAT OFFER THIS PROGRAMME

ESHOWE CAMPUS  
(035) 474 2304/6

ESIKHAWINI CAMPUS  
(035) 796 5568/76

MANDENI CAMPUS  
(032) 456 3626

RICHTEK CAMPUS  
(035) 902 9500

STUDENT SUPPORT SERVICES (035) 797 4319

WEBSITE [www.umfolozicollege.co.za](http://www.umfolozicollege.co.za)

The holder of a National Certificate (Engineering & Related Design) Level 4, **would be able to:**

- Take part in the operation and maintenance of machines
- Take part in the manufacturing of tools, machines, engines
- Plan and design mines and mining facilities
- Participate in the design of shaft and ventilation systems

**The National Certificate (Engineering & Related Design) provides an opportunity, with further study, to access careers in the following fields:**

- Mechanical engineering • Welding
- Motor mechanics • Chemical engineering
- Civil engineering • Coal technology • Geology
- Metallurgical engineering • Mining metallurgy
- Petroleum engineering • Car manufacturing • Architectural technology
- Welding • Tool making • Building management • Automotive repair
- Panel beating • Refrigeration • Air-conditioning

### **SUBJECTS**

#### **Fundamental Subjects:**

There are three fundamental subjects which form the basis of each of the National Certificate (Vocational) qualifications:

- English (First Additional Language)
- Mathematics
- Life Orientation

#### **Vocational Subjects:**

In addition to the three fundamental subjects students are required to complete four vocational subjects towards a National Certificate (Engineering & Related Design) Level 2:

- Engineering Fundamentals
- Engineering Technology
- Engineering Systems
- Fitting and Turning OR Automotive Repair OR Welding OR Physical Science

\* Subject options dependent on availability at the campus



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\* All information accurate of time of printing. Errors & omissions excepted.

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**ESIKHAWINI CAMPUS**  
(035) 796 5568/76

**SUNDUMBILI SKILLS CAMPUS**  
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