

POSTGRADUATE DIPLOMA IN ENGINEERING MANAGEMENT

This qualification will allow you entry to a cognate NQF level 9 Master's Degree e.g. MSc/MEng

The qualification equips you by strengthening and deepening your knowledge in the field of engineering management, as this relates to leading, planning, organizing and controlling socio-technical business systems, computers, machines and equipment, people and projects. This programme will develop your competence to solve complex problems, and builds a foundation for your research capacity in the methodology and techniques of engineering management. You will be able to apply management practices that are based on sound engineering and scientific principles, drawing on in-depth knowledge of mathematical sciences, natural sciences, engineering sciences, engineering design and synthesis and complementary studies.

It will enable you to conduct advanced reflection and development of business processes by means of a systematic approach towards current critical thinking, practice and research methods within engineering management and related fields which benefits industry locally and globally.

Minimum admission requirements

Students holding an NQF level 7 qualification in any of the Engineering disciplines (or related field) or an equivalent qualification at NQF level 7. Students holding one of the following qualifications may be admitted to the Postgraduate Diploma in Engineering Management programme:

Advanced Diploma (AD), Bachelor of Technology (BTech) or Bachelor of Engineering Technology in the following fields:

- Industrial, Mechanical, Electrical, Mechatronics, Civil or Chemical Engineering.

Or in the following fields:

- Quality, Food Technology, Analytical Chemistry, Biomedical Technology or equivalent. The underlying qualification must offer mathematics and physical science at NQF 5

BENEFITS DERIVED FROM THIS QUALIFICATION

The knowledge base and skills set allows Postgraduate Diploma: Engineering Management graduates to be deployed in a range of industries throughout the economy and add value where they are placed:-

- Mining, fisheries, forestry, and agriculture
- Manufacturing (e.g., processing, assembly, fabrication, etc.)
- Chemical, petrochemical, agriculture, food, cosmetics
- Construction and engineering contracting
- Logistics, transport, and warehousing
- Medical and health industries
- Engineering and management consulting an
- Complex Systems – e.g., military equipment
- Banking / financial sector services
- Professional and Management Consulting Services

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