



Tshwane University
of Technology

We empower people



Study Fully Online

Master of Engineering Management

Programme Description

The Master of Engineering Management programme has six start dates a year and is designed for professional engineers and technologists who are employed as managers in the engineering environment or aspire to be employed in this field. It is a multidisciplinary qualification that makes provision for engineers from a range of disciplines providing them with competencies to function in a professional engineering management environment. The research element is aimed at solving practical and theoretical problems relevant to the profession and is subdivided into research reports from the specialised fields as selected from the electives.

You will learn

- Apply system dynamics to solve engineering challenges.
- Master project management techniques for successful execution.
- Analyse and manage financial sustainability in engineering contexts.
- Develop innovative technology ventures with practical outcomes.
- Optimise supply chain operations using advanced tools and strategies.
- Conduct rigorous research to contribute to engineering knowledge.
- Implement sustainable asset and life cycle management practices.
- Lead teams effectively through organisational and behavioural insights.

Overview

SAQA ID:
121067

Number of modules:
12

Total credits:
180

Mode of study:
Fully online

Study duration:
2 years

Module duration:
8 weeks (7 weeks of study
and one-week break)

**How much time to
commit:**
12 to 15 hours per week

Modules and credits

Engineering Business Dynamics	15
Engineering Project Management	15
Engineering Finance	15
Technology Venture Creation	15
Supply Chain Management	15
Research Project A	15
Research Project B	15
Research Project C	15

Electives - Select 4

Physical Asset Management	15
Life Cycle Management	15
Organisational Behaviour	15
Energy Management	15
Operational Research	15
Quality Engineering	15
Environmental and Waste Management	15
Advanced Manufacturing Systems	15
Transportation Management	15
Construction Management	15
Organisational Behaviour	15

Admission requirements

To apply for this qualification, a student requires:

- A Bachelor of Engineering at NQF level 8, Bachelor of Engineering Honours, Bachelor of Engineering Technology Honours in Engineering, or Postgraduate Diploma in Engineering with an average of 60% or more for the final year.
- OR**
- Prospective candidates with a Baccalaureus Technologiae in an engineering field will be considered if they complete the bridging modules.

Fees

To see a breakdown of the fees,
please visit our Fees page.

[Visit Fees Page](#)



Get in touch

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