

(SAQA). Foreign national candidates are also required to confirm their ability to financially sustain themselves for the duration of their studies.

- The Faculty of Engineering and the Built Environment reserves the right to assess qualifications of potential candidates and their suitability for admission to the programme.

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■ **M Tech in Industrial Engineering (with Specialisation in Technology Management)**



M Tech in Industrial Engineering (with Specialisation in Technology Management)

In response to the demand for technologists and engineers to pursue a career in the management of technology, the Faculty of Engineering and the Built Environment has introduced a Master's Degree for technologists and engineers working in engineering or technology management environments.

Structure of the programme

The programme requires the completion of courses (four compulsory courses, three elective courses) and a mini-dissertation project. The qualification will be presented on a block course basis and is tailored to accommodate students working full-time in industry. Each subject will comprise of 5 x 5 hour block contacts, typically on Friday afternoons or Saturday mornings, and involve individual and group assignments, written assessments and extensive project work. An overview of the programme is provided below:

Description

HEQSF Credits

Compulsory Subjects:

Engineering Business Dynamics V	20
Engineering Data Analysis V	20
Technology Venture Creation V	20
Research Methodology V	10

Electives (Choose any Three):

Engineering Project Management V	20
Maintenance Engineering V	20
Quality Engineering V	20
Life Cycle Management V	20
Supply Chain Management V	20

Research project

The Research project will be completed under the guidance of an academic supervisor within the faculty. Students are expected to apply theoretical concepts to real-world engineering problems. The results will be documented in a mini-dissertation and students will be encouraged to publish research work at conferences and in journals (HEQSF Credits: 60).

Prerequisites

To be considered for admission to the M Tech in Industrial Engineering programme, candidates are required to fulfil the following requirements:

- An accredited B Tech, BEng or BSc (Eng) degree in an engineering discipline with an aggregate of at least 60% in the final year, obtained from a South African University.
- Holders of any other equivalent South African or Foreign qualification may also be considered, but will have to apply in advance (at least six months in advance). Foreign national students will be required to submit an evaluation of their qualifications to the South African Qualifications Authority

