

# University of Pretoria Yearbook 2018

## Maintenance management 780 (IMC 780)

<b>Qualification</b>	Postgraduate
<b>Faculty</b>	Faculty of Engineering, Built Environment and Information Technology
<b>Module credits</b>	16.00
<b>Programmes</b>	BEngHons Engineering and Technology Management BSchHons Engineering and Technology Management
<b>Prerequisites</b>	No prerequisites.
<b>Contact time</b>	20 contact hours per semester
<b>Language of tuition</b>	Module is presented in English
<b>Department</b>	Engineering and Technology Management
<b>Period of presentation</b>	Semester 1 and Semester 2

### Module content

The ageing of production assets, process plants, assembly plants, power generation systems and mining machinery, as well as the increasing cost of maintenance has prompted many organisations to view the management of the maintenance process as a higher priority. Neglecting maintenance will cause rapid deterioration of assets and have a negative impact on the company's bottom line. The management of maintenance requires a professional approach due to the complexity of the resources, modern technology and processes involved. The main focus of this module is to establish a holistic focus on the maintenance process, and to enable students to analyse the improvements required using first principles, and other related techniques. A major outcome is the development of a maintenance configuration.

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