

University of Pretoria Yearbook 2021

Technology management 801 (ITB 801)

Qualification	Postgraduate
Faculty	Faculty of Engineering, Built Environment and Information Technology
Module credits	10.00
NQF Level	09
Programmes	MEng Engineering Management (Coursework) MSc Engineering Management (Coursework)
Prerequisites	No prerequisites.
Contact time	20 contact hours per semester
Language of tuition	Module is presented in English
Department	Engineering and Technology Management
Period of presentation	Semester 1 or Semester 2

Module content

Technology is important for an organisation's competitiveness and productivity. Technology management is therefore an important function within any organisation, whether it is as a core resource of technology-based companies or as a support resource in service organisations. Technology is present over the whole lifecycle of projects and operations with technology management activities such as identification, selection, acquisition, learning, exploitation and protection. The module therefore addresses themes such as technology dynamics; technology identification; technology audits; technology selection; technology road-mapping; technology acquisition; technology adoption; technology management in the operational lifecycle.

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