

University of Pretoria Yearbook 2021

Project planning 802 (IMP 802)

Qualification	Postgraduate
Faculty	Faculty of Engineering, Built Environment and Information Technology
Module credits	10.00
NQF Level	09
Programmes	MEng Engineering Management (Coursework)
	MEng Project Management (Coursework)
	MEng Technology and Innovation Management (Coursework)
	MSc Engineering Management (Coursework)
	MSc Project Management (Coursework)
	MSc Technology and Innovation 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

Project Planning introduces the learner to the basic concepts of project management. This module will set the scene for the rest of the MPM programme and addresses project management principles, standards, guidelines, institutes, certifications, professionalism and best practices. Defining and designing a project life-cycle is discussed followed by the process of initiating and planning a project. The importance of a well-defined scope statement and work-breakdown structure are explained which will include needs analysis, user requirement definitions and systems thinking. Time management remains integral with different scheduling techniques addressed and applied. The last part of the module provides an overview of the module to follow and how each will fit into the total discipline of project management.

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