

University of Pretoria Yearbook 2016

Infrastructure management 790 (SSI 790)

Qualification Postgraduate

Faculty [Faculty of Engineering, Built Environment and Information Technology](#)

Module credits 24.00

Programmes [BEngHons Structural Engineering](#)

[BEngHons Transportation Engineering](#)

[BEngHons Water Resources Engineering](#)

[BScHons Applied Science Applied Science: Transportation Planning](#)

Prerequisites No prerequisites.

Contact time 40 Contact hours

Language of tuition English

Academic organisation Civil Eng

Period of presentation Year

Module content

A research term paper will be prepared.

This module will cover the following topics: Asset Management principles, Maintenance Management principles, Maintenance strategies and philosophies, Condition based Maintenance, Reliability Centred Maintenance (RCM), Resource Management, Maintenance Management Systems, Total Productive Maintenance (TPM) and Risk Management. Maintenance management of the following disciplines will be studied in detail: Road infrastructure, Railway infrastructure, Airport infrastructure, Buildings and other structures, Water resources and water supply.

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