

## University of Pretoria Yearbook 2016

## Structural analysis 311 (SIN 311)

**Qualification** Undergraduate

**Faculty** Faculty of Engineering, Built Environment and Information Technology

Module credits 8.00

**Programmes** BEng Civil Engineering

BEng Civil Engineering Engage

Prerequisites SIN 223

**Contact time** 1 tutorial per week, 1 practical per week, 2 lectures per week

**Language of tuition** Both Afr and Eng

Academic organisation Civil Eng

**Period of presentation** Semester 1

## **Module content**

Analysis of symmetrical structures using slope-deflection equations or moment-distribution; three dimensional structures and grillages; plastic analysis of frames; matrix methods; influence lines.

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