



University of Pretoria Yearbook 2019

Structural analysis 311 (SIN 311)

Qualification	Undergraduate
Faculty	Faculty of Engineering, Built Environment and Information Technology
Module content	Analysis of symmetrical structures using slope-deflection equations or moment-distribution; three dimensional structures and grillages; matrix methods; influence lines. Euler buckling of columns with different boundary conditions.
Module credits	8.00
Programmes	BEng Civil Engineering BEng Civil Engineering Engage
Prerequisites	SIN 223
Contact time	1 tutorial per week, 2 lectures per week, 1 practical per week
Language of tuition	Separate classes for Afrikaans and English
Department	Civil Engineering
Period of presentation	Semester 1

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