



University of Pretoria Yearbook 2016

Pre-stressed concrete design 791 (SIN 791)

Qualification	Postgraduate
Faculty	Faculty of Engineering, Built Environment and Information Technology
Module credits	24.00
Programmes	BEngHons Structural Engineering BScHons Applied Science Applied Science: Structures
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.

Material properties; prestressing systems; flexural design; losses; effects of continuity; shear; deflections; anchorage; cracking; prestressed concrete slabs and detailing.

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