

University of Pretoria Yearbook 2017

Structures 120 (SKE 120)

Qualification	Undergraduate
Faculty	Faculty of Engineering, Built Environment and Information Technology
Module credits	9.00
Programmes	BSc Construction Management BSc Quantity Surveying
Service modules	Faculty of Engineering, Built Environment and Information Technology
Prerequisites	SKE 110 GS
Contact time	1 tutorial per week, 2 lectures per week
Language of tuition	Separate classes for Afrikaans and English
Academic organisation	Civil Eng
Period of presentation	Semester 2

Module content

Beams (shear force and bending moment, bending and shear stresses, design of standard beams in steel, concrete and timber, section properties, lateral restraint); compression members; combined axial and bending; deflection.

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