



University of Pretoria Yearbook 2021

Structures 120 (SKE 120)

Qualification	Undergraduate
Faculty	Faculty of Engineering, Built Environment and Information Technology
Module credits	8.00
NQF Level	05
Programmes	BSc Construction Management BSc Quantity Surveying
Prerequisites	SKE 110
Contact time	1 tutorial per week, 2 lectures per week
Language of tuition	Module is presented in English
Department	Civil Engineering
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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