

University of Pretoria Yearbook 2016

Structures 120 (SKE 120)

Qualification Undergraduate

Faculty [Faculty of Engineering, Built Environment and Information Technology](#)

Module credits 9.00

Programmes [BSc \(Construction Management\) Construction Management \(3Years\)](#)
[BSc: Quantity Surveying \(3Yrs\) 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 Both Afr and Eng

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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