



University of Pretoria Yearbook 2021

Steel design 411 (SIN 411)

Qualification	Undergraduate
Faculty	Faculty of Engineering, Built Environment and Information Technology
Module credits	8.00
NQF Level	08
Programmes	BEng Civil Engineering BEng Civil Engineering ENGAGE
Prerequisites	(SIN 323)
Contact time	1 practical per week, 1 tutorial per week, 2 lectures per week
Language of tuition	Module is presented in English
Department	Civil Engineering
Period of presentation	Semester 1

Module content

Analysis and design composite steel beam and concrete slab construction, Moment connections, Elastic and plastic design of portal, industrial and building structures.

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