

University of Pretoria Yearbook 2022

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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