

University of Pretoria Yearbook 2022

Timber design 310 (SIB 310)

Qualification Undergraduate

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

Module credits 8.00

NQF Level 07

Programmes [BEng \(Civil Engineering\)](#)

[BEng \(Civil Engineering\) ENGAGE](#)

Prerequisites SIN 223 GS

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 1

Module content

Self-weight, imposed and wind loads. Principles of limit-states design. Timber as a structural material, design of tension, compression and bending members (laterally braced and unbraced), beam columns, trusses and bracing.

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