

University of Pretoria Yearbook 2016

Rock engineering 722 (GTX 722)

Qualification Postgraduate

Faculty [Faculty of Natural and Agricultural Sciences](#)

Module credits 15.00

Programmes [BScHons Option: Engineering Geology](#)

[BScHons Option: Hydrogeology](#)

Prerequisites GLY 364 or TDH

Contact time 2 practicals per week (3 weeks), 2 lectures per week for 3 weeks

Language of tuition English

Academic organisation Geology

Period of presentation Year

Module content

Mapping, description (core logging and discontinuity surveys) and classification of rock masses; engineering properties of rock masses including deformability, shear strength of discontinuities, in situ strength and permeability of rock masses; effects, theoretical derivation and practical measurements of in situ stresses.

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