University of Pretoria Yearbook 2019

Rock engineering 722 (GTX 722)

Qualification	Postgraduate
Faculty	Faculty of Natural and Agricultural Sciences
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.
Module credits	15.00
Programmes	BScHons Engineering and Environmental Geology Engineering Geology
	BScHons Engineering and Environmental Geology Hydrogeology
Prerequisites	GLY 364 or permission from the HOD.
Contact time	2 lectures per week for 3 weeks, 2 practicals per week (3 weeks)
Language of tuition	Module is presented in English
Department	Geology
Period of presentation	Year