

University of Pretoria Yearbook 2021

Mining technology 220 (PMY 220)

Qualification	Undergraduate
Faculty	Faculty of Engineering, Built Environment and Information Technology
Module credits	8.00
NQF Level	06
Programmes	BEng Mining Engineering BEng Mining Engineering ENGAGE
Prerequisites	PJJ 210, MPR 213 GS
Contact time	2 lectures per week, 2 other contact sessions per week
Language of tuition	Module is presented in English
Department	Mining Engineering
Period of presentation	Semester 2

Module content

Various technologies are found within the mining industry ranging from simple modelling packages to expert level optimisation and implementation packages. This module introduce the terminology used in mining technology and software applications, explaining the applications and limitations of these. This module includes Computer aided Design (CAD) techniques, graphical systems, geological modelling and geostatistical evaluation, scheduling, optimisation and numerical modelling.

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