

University of Pretoria Yearbook 2017

Mining 320 (PMY 320)

Qualification	Undergraduate
Faculty	Faculty of Engineering, Built Environment and Information Technology
Module credits	16.00
Programmes	BEng Mining Engineering BEng Mining Engineering BEng Mining Engineering ENGAGE
Prerequisites	PMY 311, PPY 220
Contact time	2 tutorials per week, 3 lectures per week
Language of tuition	Module is presented in English
Academic organisation	Mining Engineering
Period of presentation	Semester 2

Module content

Mining 320 provides an overview of mining by covering the following subject-matter: history of mining in South Africa, underground mining systems, and a brief overview of mine environmental control and mine strata control. Then the module covers general mine layouts, mine plan reading, mine surveying, electricity supply, transport systems, water management systems, and mine fires. This feat is achieved through the study of various mining methods and case studies.

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