

# University of Pretoria Yearbook 2021

## Mining technology 220 (PMY 220)

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