

University of Pretoria Yearbook 2022

Basic mine ventilation engineering 321 (PEE 321)

Qualification Undergraduate

Faculty [Faculty of Engineering, Built Environment and Information Technology](#)

Module credits 8.00

NQF Level 07

Programmes [BEng \(Mining Engineering\)](#)

[BEng \(Mining Engineering\) ENGAGE](#)

Prerequisites MTV 310 GS

Contact time 2 lectures per week, 2 tutorials per week

Language of tuition Module is presented in English

Department Mining Engineering

Period of presentation Semester 2

Module content

Mine ventilation methods; primary and secondary ventilation methods, ventilation strategies for coal and hard rock mining environments including base metal mines. Mine development ventilation methods, mine air control, different types of fans including fan performances and air dilution calculations.

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