

# 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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