

# MIME 511. ADVANCED SUBSURFACE VENTILATION AND AIR

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Credits: 3

Offered by: Mining & Materials Engineering (Faculty of Engineering)

Terms offered: Winter 2026

View offerings for Winter 2026 in Visual Schedule Builder.

## Description

Fundamentals of air flow in underground mines. Thermodynamics of mine ventilation. Gases, dust, fire and Radon control. Thermal comfort. Mine heat transfer. Refrigeration systems, Ventilation-on-Demand. Optimization of mine ventilation design.

- (3-0-6).
- Prerequisites: Permission of instructor.

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