

# MIME 424. UNDERGROUND MINING METHODS.

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Credits: 3

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

Terms offered: Summer 2025

[View offerings for Summer 2025 in Visual Schedule Builder.](#)

## Description

Fundamentals of underground mining methods; orebody characteristics and host rock; drilling and blasting procedures; general and specialized equipment; mining method selection criteria; cost estimation; calculation of cut-off grade, ore recovery and dilution; mine developments and underground infrastructure: raises, chutes, loading pockets, dump points, raises, and ore bins; mine safety practice.

- Prerequisite(s): MIME 322, MIME 325, and MIME 333
- Restriction(s): Not open to students from CEGEP entry or who have taken MPMC 421.
- (3-3-3)
- \*\*Monday May 18 is a statutory holiday; therefore the instructor will make up for the class on Friday May 22nd.
- \*\*Wednesday June 24th is a statutory holiday; therefore the instructor will make up for the class on Friday June 26th.
- \*\*Wednesday July 1st is a statutory holiday therefore the instructor would like to make up for the class on Friday July 3rd.
- \*\*Regular schedule of MW is May 20th, May 25th, May 27th, June 1st, June 3rd, June 8th, June 10th, June 15th, June 17th, June 22 & June 29, 2020.
- \*\*This course will be held on May 22, 24, 27, 29, June 3, 5, 10, 12, 17, 19, 21, 26, 28 & July 3rd.
- \*\*Although this course follows a MW class schedule, there will be a class on Friday, July 11th.

Most students use Visual Schedule Builder (VSB) to organize their schedules. VSB helps you plan class schedules, travel time, and more.

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