

MIME 317. ANALYTICAL AND CHARACTERIZATION TECHNIQUES.

Credits: 3

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

Terms offered: Fall 2025

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Description

Bulk, surface and microanalytical techniques for materials characterization. Bulk analysis: spectrophotometry using UV, visible, flame and atomic absorption, x-ray diffraction and x-ray fluorescence. Surface and microanalysis: infrared spectroscopy, scanning and transmission electron microscopy, Auger electron and x-ray photoelectron spectroscopy.

- This course in the Faculty of Engineering is open only to McGill students.
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- (3-1-5)
- Prerequisite: MIME 261

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