

MIME 545. ANALYSIS: MINERAL PROCESSING SYSTEMS 2.

Credits: 3

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

This course is not offered this catalogue year.

Description

Gold recovery (as a Professional Development Seminar): methods of recovery (gravity, flotation, cyanidation), refractory gold (roasting, pressure oxidation, bacterial leaching), dissolved gold recovery (Merrill-Crowe) and activated carbon methods. Sampling: definition of errors, sample extraction, size, and processing. Mass balancing: basic considerations, definition of networks, software. Blending: auto-correlation functions, transfer functions, blending systems. Effect of feed variability.

- (4-2-3)
- Prerequisite (Undergraduate): MIME 341

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