MIME 442. ANALYSIS, MODELLING AND OPTIMIZATION IN MINERAL PROCESSING.

Credits: 3

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

This course is not offered this catalogue year.

Description

Tools and methods of process analysis, modelling and optimization using flotation and comminution examples: sampling theory and statistics, data reconciliation, statistical experimental design. Kinetic models of flotation and comminution; simulation software. Residence time distributions: tanks-in-series and axial dispersion models. Combined flotation/comminution models. Introduction to geostatistics and data mining.

- (3-1.5-4.5)
- Prerequisite: MIME 341

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

Launch Visual Schedule Builder