



**ROBERT M. BUCHAN DEPARTMENT OF MINING
Adjunct Position
Academic Year Spring/Summer 2025**

Posting Date: Friday, February 21, 2025

Closing Date: 12noon, Monday, March 3, 2025

The Robert M. Buchan Department of Mining Engineering, Smith Engineering at Queen's University invites applications from suitably qualified candidates interested in teaching the following online course for the spring/summer 2025 session.

**MNTC 409 – Mineral Economics
May 1 to August 31, 2024**

Qualifications

Minimum of M.Sc. in Mining Engineering or related field. Previous teaching experience at the University level considered an asset. Previous educational background and/or experience must be suited to teaching the course described below. Candidates must have excellent communication and presentation skills, as well as being capable of working as a member of a teaching team.

Course Description

Mining companies develop projects and operate mines as part of a global minerals industry. This course first sets the global context, reviewing the history of mineral economics, the nature and components of mineral supply and demand, pricing and markets, and aspects of their role in the global economy. The impact of government policies and international treaties on mining companies and projects is discussed. Building blocks of relevant economic concepts and financial tools are reviewed and applied to structured problems. The estimation of mineral resources and mineral reserves, the feasibility assessment process, and the disclosure of the results of work in these areas under National Instrument 43-101, are reviewed. The valuation of companies and evaluation of projects is covered, as are approaches to addressing risk and uncertainty. Sources and types of funding for companies and projects are introduced. Throughout the course, ways in which sustainability is increasingly being reflected in activities studied in this course are highlighted.



Course Details

Format: 3 lecture hours, no lab hours and no tutorials per week for twelve weeks. (Lec: 3, Lab: 0, Tut: 0)

Audience: undergraduate level students

Location: online

Lab Supervision - NA

Expected Enrolment (subject to change): 15 students

Percentage of Responsibility: 100%

The above course is online. Lectures and exams will be conducted online. The contract will run from May 1, 2025 to August 31, 2025. The spring/summer session runs from May 5, to to August 21, 2025.

The University invites applications from all qualified individuals. Queen's is strongly committed to employment equity, diversity, and inclusion in the workplace and encourages applications from Black, racialized/visible minority and Indigenous people, women, persons with disabilities, and 2SLGBTQ+ persons.

The University will provide support in its recruitment processes to applicants with disabilities, including accommodation that takes into account an applicant's accessibility needs. If you require accommodation during the interview process, please contact mine.office@queensu.ca.

Academic staff at Queen's University are governed by a collective agreement between [QUFA](#), and Queen's University.

Application Process

To comply with Federal laws, the University is obliged to gather statistical information about how many applicants for each job vacancy are Canadian citizens/ permanent residents of Canada. Applicants need not identify their country of origin or citizenship, however, all applications must include one of the following statements:

- I am a Canadian citizen/permanent resident of Canada; OR,
- I am not a Canadian citizen/permanent resident of Canada.

Applications that do not include this information will be deemed incomplete.

Applications should include:

- a complete and current curriculum vitae,
- a statement of teaching experience,
- the names and contact details of two referees who may be contacted, and
- any other relevant materials the candidate wishes to submit for consideration



**SMITH
ENGINEERING**
Queen's University

Robert M. Buchan
Department of Mining

Applications can be submitted to the Appointments Committee at the address below, or by e-mail to mine.office@queensu.ca. Applications should arrive no later than **12noon on Monday, March 3, 2025**.

Appointments Committee
c/o Heather Drouillard
Robert M. Buchan Department of Mining
Goodwin Hall, Rm. 354
Queen's University
Kingston, Ontario K7L 3N6