**ROBERT M. BUCHAN DEPARTMENT OF MINING
Term Adjunct Position
Academic Year Winter 2025**

Posting Date: Monday, October 8, 2024
Closing Date: 12noon, Monday, November 4, 2024

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 course for the fall 2024 session.

**MINE 445 – Open Pit Design (Capstone)
January 1 to April 30, 2025**

Qualifications
Minimum of BASc in Mining Engineering or related field and must hold a professional engineering registration in Canada. 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
The material of MINE 341 is applied to the design of an open pit mine. Special attention is given to the selection of equipment and the use of computers in strategic and detailed mine planning and scheduling. The course uses commercial mine planning software to enable small groups of students (2-4) to complete mine designs starting with topography maps, drill information, and mineral inventory block models. Several real deposit databases are used including gold, copper, copper/molybdenum, copper/zinc. The deposits are evaluated, feasibility assessed, and production decisions discussed.

Course Details
Format: lectures, labs, and tutorials per week for twelve weeks. (Lec: Yes, Lab: Yes, Tut: Yes)
Audience: undergraduate level students
Location: in person

Queen's University, Smith Engineering
Robert M. Buchan Department of Mining
Goodwin Hall, Room 354, 25 Union Street
Kingston, Ontario, Canada K7L 2N8

smithengineering.queensu.ca

Lab Supervision - Yes
Expected Enrolment (subject to change): 50 students
Percentage of Responsibility: 100%

The above course is in person at the Kingston, Ontario campus. Lectures and exams will be conducted in person. The contract will run from January 1, 2025 to April 30, 2025. The winter session runs from January 6 to April 4, 2025 with exams running from April 6 to April 23, 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.

Applications can be submitted to the Adjunct Appointments Committee at the address below, or by e-mail to mine.office@queensu.ca. Applications should arrive no later than **12noon on Monday, November 4, 2024**.

Adjunct Appointments Committee
c/o Heather Drouillard

SMITH ENGINEERING
Queen's University

Robert M.Buchan
Department of Mining

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