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 313 – Introduction to Programming
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
Students will be introduced to the fundamental concepts of computer programming using both C/C++ and MATLAB. The course will teach computer programming with a focus on practical applications for analyzing data and solving practical mathematical problems. Topics will include basic components of a computer (both hardware and software), memory and variables, expressions, selection structures, loops, arrays, functions, and commonly used algorithms such as sorting and searching. At the end of the course, students will be able to apply computer programming skills to assist in both design and analysis for real-life engineering applications.

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

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

Location: online
Lab Supervision - NA
Expected Enrolment (subject to change): 50 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

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