



**The Robert M. Buchan Department of Mining
Term Adjunct Positions
Fall Term 2018**

Posting Date: June 1, 2018

Closing Date: June 15, 2018

The Robert M. Buchan Department of Mining at Queen's University invites applications from suitably qualified candidates interested in teaching the following **undergraduate courses** in the 2018 Fall Term (September 1, 2018 to December 31, 2018).

Qualifications:

Minimum of M.A.Sc. in Mining Engineering or a related field. Previous educational background and/or experience must be suited to teaching the courses described below. Candidates must have excellent communication and presentation skills and must be a registered professional engineer with Canada with the ability to register with Association of Professional Engineers of Ontario. Prior teaching experience in engineering and lecture-based engineering courses would be an asset. Previous industrial engineering experience is an asset.

Course Description:

MINE 331 – Methods of Mineral Separation

Mineral separation processes of a physical and physicochemical nature are studied with laboratory sessions. Topics include size reduction, classification, flotation, gravity concentration, magnetic, electrostatic separations and dewatering. Surface phenomena involving fine particle processing, reagent classifications, flotation machines and circuits, plant practice in ore flotation are discussed. The laboratory practice includes a design project on flotation circuit analysis and sizing. Assignments will be completed based on field trip observation.

Expected Enrolment (subject to change): 22

MINE 455 – Design, Analysis and Operation of Mineral Processes

Engineering elements of a mineral processing project are examined from the concept stage to process design. Flowsheet evaluation, process equipment selection and layout, capital and operating costs, operating and control strategies are considered for real problems.

Expected Enrolment (subject to change): 10

Definitions:

Program and Course Symbols and Codes can be found [here](#).

The above course will be taught on campus. Fall term classes begin September 6 and end November 30, 2018. The Fall term examination period is December 5 - 20, 2018. NOTE: [Faculty Regulation \(14\) Supplemental Examinations](#).

The University invites applications from all qualified individuals. Queen's University is committed to employment equity and diversity in the workplace and welcomes applications from women, visible minorities, Aboriginal people, persons with disabilities, and LGBTQ persons. All qualified candidates are encouraged to apply; however, Canadians and permanent residents of Canada will be given priority.

Academic staff at Queen's University are governed by a collective agreement between QUFA, www.qufa.ca, and Queen's University. <http://www.queensu.ca/facultyrelations/faculty-librarians-and-archivists/queens-qufa-collective-agreement>

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 Wanda Badger, wanda.badger@queensu.ca, Department Manager.

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, and any relevant other materials the candidate wishes to include for consideration. Applications can be submitted to the Term Adjunct Appointments Committee at the address below, or by e-mailing Wanda Badger at wanda.badger@queensu.ca. Applications should arrive no later than midnight June 15, 2018.

The Robert M. Buchan Department of Mining Term Adjunct Appointments Committee
c/o Wanda Badger
The Robert M. Buchan Department of Mining
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