



## FACULTY OF ENGINEERING AND APPLIED SCIENCE

**Term Adjunct Position**

**Academic Year 2017/18**

**Posting Date:** March 10, 2017

**Closing Date:** March 24, 2017

The Faculty of Engineering and Applied Science at Queen's University invites applications from suitably qualified candidates interested in teaching the following undergraduate Bachelor of Mining Engineering Program course in the 2017/18 session.

**MNTC P04 - Calculus (Spring 2017)**

**May 1, 2017 to July 31, 2017**

### *Qualifications:*

Minimum of M.Sc. in Mathematics or related field, as well as a working knowledge of MATLAB. Previous teaching experience at the University level, and/or experience teaching online 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:**

#### **MNTC P04 - Calculus**

Functions, limits, derivatives; optimization, rate problems, exponentials, logarithms, inverse trigonometric functions; exponential growth as an example of a differential equation. Fundamental Theorem of Calculus, Riemann integral; applications to problems involving areas, volumes, mass, charge, work, etc. Some integration techniques.

*This course is offered entirely online; content has already been created and exists in OnQ.*

**Expected Enrolment (subject to change):** <10 students

Further details of the program can be found at: <http://btech.engineering.queensu.ca>.

The above course will be taught online. Spring/Summer term classes begin May 1, 2017 and end July 21, 2017. The Spring term examination period is July 25-28, 2017.

The University invites applications from all qualified individuals. Queen's 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, 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 [Lindsay.Campbell@queensu.ca](mailto:Lindsay.Campbell@queensu.ca) or Lindsay Campbell, Bachelor of Mining Engineering Technology Program Coordinator, (613) 533-6000 ext 79312.

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 Bachelor of Mining Engineering Technology Program Coordinator at the address below, or by e-mail to [Lindsay.Campbell@queensu.ca](mailto:Lindsay.Campbell@queensu.ca). Applications should arrive no later than March 24, 2017.

Bachelor of Mining Engineering Adjunct Appointments Committee  
c/o Faculty of Engineering and Applied Science  
Room 300, Beamish-Munro Hall  
Queen's University, Kingston, Ontario K7L 3N6