Faculty of Engineering and Applied Science
Term Adjunct Position
Winter Term 2018

Posting Date: October 14, 2017
Closing Date: October 30, 2017

The Faculty of Engineering and Applied Science at Queen’s University invites applications from suitably qualified candidates interested in teaching the following first year undergraduate course in the 2017/18 Winter Term.

APSC 174 Introduction to Linear Algebra (Winter 2018)
Section 900 (Extended Program)
February 1, 2018 to June 30, 2018

Qualifications:

Minimum of M.Sc. in Mathematics 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:
APSC 174 Introduction to Linear Algebra (Section 900*, Winter 2018)
Systems of linear equations; real vectors spaces and subspaces; linear combinations and linear spans; linear dependence and linear independence; applications to systems of linear equations and their solution via Gaussian elimination; bases and dimension of real vector spaces; linear transformations, range, kernel and Rank-Nullity theorem; matrix representation of a linear transformation; composition of linear transformations and matrix multiplication; invertible matrices and determinants; eigenvalues and eigenvectors of square matrices. Applications of the course material to engineering systems are illustrated.
This course involves three lectures hours and one tutorial hour per week for twelve weeks.

*The Section 900 Program is designed to give those students who have academic difficulties in their first year in Applied Science a second chance at some of the courses thereby allowing the student to recover and proceed into second year with a clear record. It can also be used by students to improve their overall average and to retain scholarships.

Expected Enrolment (subject to change): 80 students
Definitions:

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

The above course will be taught on campus. Extended program Winter term classes begin February 26, 2018 and end June 8, 2018. The extended program Winter term examination period is June 11-15, 2018. NOTE: [Faculty Regulation (14) Supplemental Examinations](#).

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](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 [engineering.hr@queensu.ca](mailto:engineering.hr@queensu.ca) or Julia Higginson, Assistant to the Adjunct Appointments Committee, (613) 533-6000 ext 75282.

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 Engineering and Applied Science Term Adjunct Appointments Committee at the address below, or by e-mail to [engineering.hr@queensu.ca](mailto:engineering.hr@queensu.ca). Applications should arrive no later than October 30, 2017.

Engineering and Applied Science Adjunct Appointments Committee
Faculty of Engineering and Applied Science
Room 200, Beamish-Munro Hall
Queen’s University, Kingston, Ontario K7L 3N6