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 2020/21 session.

**APSC 174 Introduction to Linear Algebra (Summer 2021)**
May 1 to August 31, 2021

**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:**
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.

**Course Details:**
This course involves online synchronous and asynchronous delivery for twelve weeks.

**Expected Enrolment (subject to change):** 60 students

The above course will be taught online. Summer term classes begin Mon May 10 and end Friday July 30, 2021. The Summer term examination period is August 3 to 7, 2021. More information on the Undergraduate Academic Plan can be found here.

*The successful applicant will be required to convert course materials to an accessible online format satisfactory to the Course Coordinator or Department Head. Please be advised that due to the current COVID-19 Situation, the University currently requires all non-essential services staff to work remotely. Until the requirement to work remotely is lifted, you will be required and must be able to work from home, including having a high-speed internet connection.*
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/Aboriginal people, women, persons with disabilities, and 2SLGBTQ+ persons.

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)

Teaching Fellows at Queen’s University are governed by the Collective Agreement for Teaching Assistants and Teaching Fellows between PSAC Local 901 and Queen’s University. Remuneration will be in accordance with the Collective Agreement, and appointments are subject to funding or enrolment criteria. [http://queensu.ca/facultyrelations/teaching-assistants-and-fellows/collective-agreement](http://queensu.ca/facultyrelations/teaching-assistants-and-fellows/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.

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 First Year Committee at the address below, or by e-mail to engineering.hr@queensu.ca. Applications should arrive no later than February 19, 2021.

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