



DEPARTMENT OF CIVIL ENGINEERING
FACULTY OF ENGINEERING AND APPLIED SCIENCE
APSC 182 APPLIED ENGINEERING MECHANICS W 1.7
TEACHING POSITION AVAILABLE
Academic Year 2020/21

Posting Date: June 22, 2020

Closing Date: July 6, 2020

Start date: September 1, 2020 and end date: December 31, 2020

1 position/1 section available

The Department of Civil Engineering in the Faculty of Engineering and Applied Science at Queen's University invites applications from suitably qualified candidates interested in teaching the following undergraduate course in the 2020-21 session.

Qualifications:

Minimum of one year's study at the level of MAsc (or equivalent research or industry design experience). 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 be capable of working as a member of a teaching team. Registration as a Professional Engineer, or eligibility to acquire registration in Canada, is an essential qualification. Prior teaching experience in project based engineering courses and lecture-based engineering courses would be an asset. Open to Teaching Fellows or Term Adjuncts.

Teaching Requirement:

APSC 182 Applied Engineering Mechanics | W 1.7

Lecture: 1.45

Lab: 0

Tutorial: 0.25

Identification, visualization and quantification of forces on elements and forces within statically determinate engineering structures and systems. Two- and three-dimensional force equilibrium of rigid bodies; force distribution within engineering systems like simple trusses, frames and machines; internal shear forces and bending moments in force carrying elements; and engineering stress and strain.

Academic Units:

Mathematics 0

Natural Sciences 0

Complementary Studies 0

Engineering Science 15

Engineering Design 5

Definitions:

Program and Course Symbols and Codes can be found at:

<https://calendar.engineering.queensu.ca/content.php?catoid=8&navoid=206>

The above advertised course will be taught remotely. Enrolment is expected to be 30 students in this section of APSC 182. The successful applicant will have **35 percent** responsibility for this course. Fall term classes begin September 10, 2020 and end December 4, 2020 while the examination period ends on December 23, 2020. Instructors will be responsible for tracking CEAB indicators. Guidance on this process will be provided.

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.

Term Adjuncts at Queen's University are governed by the *Collective Agreement* between the Queen's University Faculty Association (QUFA) and the University, which is posted at:

<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>

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.

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: Sandra Martin at sandra.martin@queensu.ca; 613-533-6000 ext. 74226.

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 Civil Engineering Appointments Committee at the address below, or by e-mail to Sandra Martin, sandra.martin@queensu.ca.

Applications should arrive no later than **July 6, 2020**.

Civil Engineering Appointments Committee
c/o S. Martin
Department of Civil Engineering, Ellis Hall
58 University Avenue
Queen's University
Tel. 613 533-2122
Fax. 613 533-2128