



DEPARTMENT OF CIVIL ENGINEERING
FACULTY OF ENGINEERING AND APPLIED SCIENCE

CIVL 436 Prestressed Concrete W | 4

TEACHING FELLOW POSITION AVAILABLE

Academic Year 2022/23

Posting Date: October 7, 2022

Closing Date: October 19, 2022

Start date: January 1, 2023 and end date: April 30, 2023

1 position/1 section per course 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 2022-23 session.

Qualifications:

Minimum of one year's study at the level of M.A.Sc. (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, and 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 only.**

Teaching Requirement:

CIVL 436 Prestressed Concrete W | 4

Lecture: 3

Lab: 0

Tutorial: 1

Behaviour, analysis and design of pretensioned and post-tensioned concrete systems including simply-supported and continuous beams, and two-way slabs. Considerations of prestress losses, cracking and deflection. A design project is undertaken in this course. Three term-hours, winter; lectures and tutorials.

Academic Units:

Mathematics 0

Natural Sciences 0

Complementary Studies 0

Engineering Studies 24

Engineering Design 24

Definitions:

Program and Course Symbols and Codes can be found at

https://calendar.engineering.queensu.ca/search_advanced.php?cur_cat_oid=11&search_database=Search&search_db=Search&cpage=1&ecpage=1&ppage=1&spage=1&tpage=1&location=33&filter%5Bkeyword%5D=CIVL436

The above advertised course will be taught on campus. Enrolment is expected to be approximately 50 students in **CIVL 436**. The successful applicant will have **50 percent** responsibility for this course. Winter term classes begin January 9, 2023 and end April 10, 2023 while the examination period ends on April 28, 2023. Instructors will be responsible for tracking CEAB indicators. Guidance on this process will be provided.

COVID 19 On-Campus Requirements

Prior to May 1, 2022, the University required all students, faculty, staff, and visitors (including contractors) to declare their COVID-19 vaccination status and provide proof that they were fully vaccinated or had an approved accommodation to engage in in-person University activities. These requirements were suspended effective May 1, 2022, but the University may reinstate them at any point.

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. All qualified candidates are encouraged to apply; however, in accordance with Canadian immigration requirements, Canadian citizens and permanent residents of Canada will be given priority.

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.

<https://www.queensu.ca/facultyrelations/psac%20901-1/collective-agreements/MoAs/LoUs>

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 **October 19, 2022**.

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