



DEPARTMENT OF CIVIL ENGINEERING
FACULTY OF ENGINEERING AND APPLIED SCIENCE
CIVL 371 Groundwater Engineering F | 3.75
TEACHING FELLOW POSITION AVAILABLE
Academic Year 2018/19

Posting Date: June 1, 2018

Closing Date: June 14, 2018

Start date: September 1, 2018 and end date: December 31, 2018

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 2018-19 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, 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 371 Groundwater Engineering F | 3.75

Lecture: 3

Lab: 0.5

Tutorial: 0.25

This course introduces students to the fundamentals of groundwater systems with an emphasis on the engineering design of extraction systems for water supply, site dewatering, and parameter estimation tests. Source water protection methods will be discussed. Equations governing the flow of groundwater, flownets, and capture zones are presented. Detailed case histories are presented. Laboratories make extensive use of commercial grade software for surface and groundwater flow simulation.

Academic Units:

Mathematics 0

Natural Sciences 0

Complementary Studies 0

Engineering Science 30

Engineering Design 14

Definitions:

Program and Course Symbols and Codes can be found at

<http://calendar.engineering.queensu.ca/content.php?catoid=6&navoid=155>

The above advertised course will be taught on campus. Enrolment is expected to be around 150 students in **CIVL 371**. The successful applicant will have **50 percent** responsibility for this course. Fall term classes begin September 6, 2018 and end November 30, 2018 while the examination period ends on December 20, 2018.

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.

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: Susan Palo susan.palo@queensu.ca; 613-533-6000 ex: 74228.

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 Susan Palo, susan.palo@queensu.ca.

Applications should arrive no later than **June 14, 2018**.

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