



DEPARTMENT OF CIVIL ENGINEERING
FACULTY OF ENGINEERING AND APPLIED SCIENCE
CIVL 443 Geoenvironmental Design W | 4
TEACHING POSITION AVAILABLE
Academic Year 2018/19

Posting Date: June 1, 2018

Closing Date: June 14, 2018

Start date: January 1, 2019 and end date: April 30, 2019

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 or Term Adjuncts.

Teaching Requirement:

CIVL 443 Geoenvironmental Design W | 4

Lecture: 3

Lab: 1

Tutorial: 0

A design-based course where geotechnical and hydrogeologic principles are applied to study environmentally sustainable disposal of solid waste. Topics studied include: source and nature of waste; disposal options; environmental legislation and regulations; public impact and perception; contaminant transport; use of geosynthetic materials; and design issues and tradeoffs. Students will conduct practical design tasks to investigate the planning, design, construction, operation and post-closure of phases of an engineered waste disposal facility. The important role of geology in geoenvironmental problems is emphasized through classroom discussions, planning a site investigation and constructing a geologic model.

Academic Units:

Mathematics 0

Natural Sciences 0

Complementary Studies 0

Engineering Science 12

Engineering Design 36

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 70 students in **CIVL 443**. The successful applicant will have **100 percent** responsibility for this course. Winter term classes begin January 7, 2019 and end April 5, 2019 while the examination period ends on April 27, 2019.

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: 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
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Queen's University
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Fax. 613 533-2128