DEPARTMENT OF CIVIL ENGINEERING
FACULTY OF ENGINEERING AND APPLIED SCIENCE
TEACHING FELLOW POSITION AVAILABLE
Academic Year 2020/21

Posting Date: October 15, 2020
Closing Date: October 28, 2020
Start date: January 1, 2021 and end date: April 30, 2021
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 industry design experience) in Civil Engineering or a related field, expertise in the field relevant to the course, and appropriate teaching 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.

Teaching Requirement:

CIVL 250 Hydraulics I W | 4

Lecture: 3
Lab: 0.5
Tutorial: 0.5

Fluid properties, fluid statics, basic equations of fluid flow: Continuity, Momentum, Euler’s Equation of Motion, Linear Momentum Equation and Bernoulli’s Equation. Flow of real fluid in closed conduits: friction losses and local energy losses. Pipeline flows in engineering practice. PPE will be required for this course at student’s cost (see course materials for details)

Academic Units:
Mathematics 0
Natural Sciences 4
Complementary Studies 0
Engineering Science 22
Engineering Design 22
Definitions:
Program and Course Symbols and Codes can be found at http://calendar.engineering.queensu.ca/content.php?catoid=2&navoid=41

The above advertised course will be taught remotely for the winter 2021 term. Enrolment is expected to be 85 students in CIVL 250. The successful applicant will have 50 percent responsibility for this course. Winter term classes begin January 4, 2021 and end April 1, 2021 while the examination period ends on April 24, 2021. 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. Teaching Fellows at Queen’s University are governed by a collective agreement between PSAC 901, and Queen’s University. https://www.queensu.ca/facultyrelations/psac-local-901-unit-1/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.


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