The Department of Electrical and Computer Engineering at Queen's University requests applications from suitable qualified candidates interested in teaching the following undergraduate course in the 2018-19 academic session.

**Winter Term Course: 1 January 2019 – 30 April 2019**

Anticipated course enrollment: 120

**SOFT-437 – Software Performance Analysis, W 3-0-0 3**

This course focuses on the basic principles of performance analysis, performance modeling and evaluation for software systems. Students learn why software performance is critical to software development processes. The course covers the principles of software performance engineering (SPE), performance patterns and anti-patterns for performance-oriented design, techniques for eliciting performance objectives, techniques for gathering data needed for evaluation, and guidelines for the evaluation at each stage of software development process.

PREREQUISITE(S): CMPE 324 (CISC 324), ELEC 377, or permission of the instructor

**Qualifications:**

Minimum of an M.Sc. (or equivalent industry design experience) in Electrical & Computer 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. Prior teaching experience in project based engineering courses and lecture-based engineering courses would be a strong asset.

The above advertised course will be taught on campus. Winter Term classes begin 7 January, 2019.

Queens University is committed to employment equity and diversity in the workplace and welcomes applications from women, visible minorities, aboriginal people, persons with disabilities, and persons of any sexual orientation or gender identity. 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 Public Service Alliance of Canada (PSAC), http://www.queensu.ca/humanresources/employees/unions.html and Queen's University.

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 Mary Gillespie, mary.gillespie@queensu.ca.

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 relevant other materials the candidate wishes to submit for consideration. Applications can be submitted to the ECE Appointments Committee at the address below, or by email to Mary Gillespie at mary.gillespie@queensu.ca. Applications should be received no later than 12 October 2018.

Electrical and Computer Engineering Appointments Committee  
c/o Mary Gillespie, Administrative Assistant  
Department of Electrical and Computer Engineering