DEPARTMENT OF ELECTRICAL & COMPUTER ENGINEERING
FACULTY OF ENGINEERING AND APPLIED SCIENCE
Teaching Fellow Position
Academic Year 2020-2021

Posting Date: **27 February 2020**
Closing Date: **20 March 2020**

The Department of Electrical and Computer Engineering in the Faculty of Engineering and Applied Science at Queen's University requests applications from suitably qualified candidates interested in teaching the following undergraduate course in the 2020-21 session.

Qualifications:

Minimum of a M.A.Sc. Degree (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. Registered as a Professional Engineer (or an Engineer In Training) in the Province of Ontario. 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 a strong asset. Preference will be given to candidates who are registered as professional engineers in the province of Ontario.

Teaching requirement:

Fall Term Course: September 1, 2020 – December 31, 2020

Anticipated course enrolment: 360

Course Description

ELEC 271 Digital Systems **F 3-0.75-0.5** **4.25**

Boolean algebra applied to digital systems; logic gates; combinational logic design; electronic circuits for logic gates; arithmetic circuits; latches and flip flops, registers and counters; synchronous sequential logic and state machine design; implementation in programmable logic chips. (0/0/0/23/28)

PREREQUISITE(S): APSC 171, APSC 172, APSC 174

Definitions:

The above advertised course will be taught on campus. The successful applicant will have 100 percent responsibility for the course.

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.

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.

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 e-mail to Mary Gillespie, mary.gillespie@queensu.ca . Applications should arrive no later than March 20, 2020.

Electrical and Computer Engineering Appointments Committee
c/o Mary Gillespie, Administrative Assistant
Department of Electrical and Computer Engineering
Walter Light Hall, Room 416
Queen's University
Tel. 613 533-6000 ext: 75344
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