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 2016-17 academic session.

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

Anticipated course enrolment: 238

Course Description

**ELEC 210**

*Introductory Electric Circuits and Machines*  
W 3-0.75-0.5  4.25

An introductory course for engineering students in disciplines other than electrical or computer engineering. The course begins with a review of the concepts of resistance, capacitance, and inductance. Circuit analysis techniques are then applied to characterize the behavior of commonly used electrical energy conversion devices such as transformers, dc machines, and induction and synchronous machines. (0/0/0/51/0)

PREREQUISITES: APSC 111, APSC 112, APSC 171, APSC 172, APSC 174

Qualifications:
Minimum of a M.A.Sc. in Engineering or a related field, or a BASc in Engineering with extensive practical experience in engineering communications. Registered as a Professional Engineer (or an Engineer In Training) in the Province of Ontario. Previous teaching experience at the University level will be preferred. Candidates should have excellent communication and presentation skills.

Course Syllabus can be found at:  
[http://www.ece.queensu.ca/Current-Students/Undergraduate/Undergraduate-Courses/LandingPages/ELEC-210/ELEC210-CourseSummary.html](http://www.ece.queensu.ca/Current-Students/Undergraduate/Undergraduate-Courses/LandingPages/ELEC-210/ELEC210-CourseSummary.html)

The above advertised course will be taught on campus. Winter term classes begin 07 January 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. Academic staff at Queen’s University is governed by a collective agreement between QUFA, [www.qufa.ca](http://www.qufa.ca) 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@queensu.ca or John McKay, Department Manager, (613) 533-6000 ext: 74948.

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 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, Departmental Assistant
Department of Electrical and Computer Engineering
Walter Light Hall, Room 416
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Kingston, ON K7L 3N6
Tel.: 613-533-6000 ext: 75344 Fax: 613-533-6615