



**Department of Electrical and Computer Engineering  
Term Adjunct Position  
Academic Year 2017-18**

**Posting Date: 11 September 2017**  
**Closing Date: 02 October 2017**

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 2017-18 academic session.

Winter Term Course: January 1, 2018 – April 30, 2018

Anticipated course enrolment: 280

**Course Description**

**ELEC 274      Computer Architecture      W 3-0.05-0.5      4**

Number and data representation. Logical structure of computers. Instruction set architecture. Instruction execution sequencing. Assembly-language programming. Input/output interfaces and programming. Processor datapath and control unit design. Semiconductor memory technology and memory hierarchy design. (PREREQUISITE(S): [APSC 142](#), [ELEC 271](#) or [MTHE 217](#) (MATH 217) or permission of instruction EXCLUSION(S): CISC 2210/0/0/26/22)

**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. 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://my.ece.queensu.ca/Current-Students/Undergraduate/Undergraduate-Courses/LandingPages/ELEC-274/ELEC274-CourseSummary.html>

The above advertised course will be taught on campus. Winter term classes begin January 08, 2018.

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](mailto: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](mailto:mary.gillespie@queensu.ca) . Applications should be received no later than 02 October 2017.

Electrical and Computer Engineering Appointments Committee  
c/o Mary Gillespie, Departmental Assistant  
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