



**Department of Chemical Engineering
Term Adjunct Position
2018-2019 Academic Year**

Posting Date: May 1, 2018

Closing Date: May 14, 2018

The Department of Chemical Engineering at Queen's University requests applications from suitably qualified candidates interested in teaching the following **undergraduate course** in the 2018-2019 Academic Year.

**CHEE 470 Design of Manufacturing Processes
July 1, 2018 to December 31, 2018**

Course Description

CHEE 470 Design of Manufacturing Processes

This course consolidates the necessary skills and knowledge for a working chemical engineer by carrying out an industrial process design and developing a Front-End Engineering Design (FEED) document. The students will develop competency in the following: process selection and synthesis, the use and recognition of the limitations of process simulation software, development of piping and instrumentation diagrams, analysis of process safety, equipment sizing, materials selection, and capital, operating cost, and economic analysis along with optimization.

Qualifications:

Minimum of B.Sc. or B.A.Sc. in Chemical Engineering or a related field. Experience in process design and project management required. Previous teaching experience with demonstrated student mentoring at the University level will be preferred. Candidates must have excellent communication, organizational, and time management skills.

The course will be taught on campus.

The University invites applications from all qualified individuals. Queen's University 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 are governed by a collective agreement between QUFA, 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 Tanya Lighthart, lighthart@queensu.ca, Administrative Assistant, Chemical Engineering.

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, and any other relevant materials the candidate wishes to include for consideration. Applications can be submitted to the Term Adjunct Appointments Committee at the address below, or by e-mailing Tanya Lighthart at ligthart@queensu.ca . Applications should be submitted before midnight in Kingston on **May 14, 2018**.

Chemical Engineering Term Adjunct Appointments Committee
c/o Tanya Lighthart
The Department of Chemical Engineering
Room 201, Dupuis Hall
19 Division Street
Queen's University, Kingston, Ontario K7L 3N6
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