

DEPARTMENT OF MECHANICAL AND INDUSTRIAL ENGINEERING
Faculty of Applied Science and Engineering
University of Toronto

Emergency Job Posting for the 2017/2018 Session

This job is posted in accordance with the CUPE 3902 – Unit 1 Collective Agreement

This posting is for a Course Instructor position for **MIE1699H: Process Management and Mining** to be taught in the **Winter Term 2018**. The expected enrolment for this course is approximately 25 students. The course will be presented via one three-hour lecture per week. Duties include: preparation of lectures and course materials; delivery of lectures; possible supervision of Teaching Assistants; setting and marking of projects, tests and exams; evaluation of final grades; contact with students.

MIE1699H: Process Management and Mining:

The course will study: The basic concepts of Business Process Management such as modeling languages, model discovery, qualitative and quantitative analysis of processes models, Data Science methodology for BPM, namely Process Mining. Students will learn the three basic steps of Process Mining: discovery of models from data, conformance analysis of the resulting models with data, and performance analytics.

- The date of appointment will be from January 2018 through April 2018.
- Minimum level of pay is **\$7,385.12** which includes vacation pay, and may increase depending on applicant's level of experience and suitability for the position.
- Qualifications required: Experience in Business Process Management, Process Modeling: Languages, Translation, Elicitation, Process Mining: Automated Discovery, Declarative Mining, Quality Dimensions in Discovery, Conformance Checking, Performance Analysis and Queue Mining, Process Matching, Model Simplification
- Applicants are required to fill out an application form and return it along with a teaching dossier, listing their teaching qualifications for this position to **Room MC 108 by Tuesday, October 30, 2017**. Applicants must include full contact information of their supervisor, plus two U of T employees (faculty or staff) who can testify to the teaching skills of the applicant. The appointment will be made at the earliest possible time before the commencement of classes by the Associate Chair (Graduate) of the Department of Mechanical and Industrial Engineering. No other offers or notices of the outcome of applications are authorized by the Department. Final availability of the position is contingent upon final course determination, enrolment, budgetary considerations, and the final determination of assignments flowing from Article 14:03 of the Collective Agreement.
- Please note that applicants should have excellent communication skills in English - both oral and written work.

CUPE 3902 Unit 1 Collective Agreement is available at

<http://www.cupe3902.org/wp-content/uploads/2016/10/Final-Draft-CUPE-3902-Unit-1-Agreement-2014-17.pdf>

Please note that should rates stipulated in the collective agreement vary from rates stated in this posting, the rates stated in the collective agreement shall prevail.

This job is posted in accordance with the CUPE 3902 Unit 1 Collective Agreement. The position(s) posted above is (are) tentative, pending final course determinations and enrolments.

The University of Toronto is strongly committed to diversity within its community and especially welcomes applications from visible minority group members, women, Aboriginal persons, and persons with disabilities, members of sexual minority groups, and others who may contribute to the further diversification of ideas.