

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

Job Posting – Sessional Lecturer Position

Winter Term 2022 (January – April)

This job is posted in accordance with the CUPE 3902 – Unit 3 Collective Agreement

The Department of Mechanical and Industrial Engineering seeks ONE Sessional Instructor for the following course:

Job Description:

Sessional Lecturer – MIE441H1 - * Design Optimization

Job Field

CUPE 3902 Unit 3
Faculty of Applied Science & Engineering

Department:

Mechanical & Industrial Engineering

Campus

St. George (downtown Toronto)

Job Posting:

July 29, 2021

Job Closing:

August 23, 2021

Course number and title: MIE441H1 - * Design Optimization

Course description: Problem definition and formulation for optimization, optimization models, and selected algorithms in optimization. Design for Tolerancing, Design for Manufacturing, and Design for Assembly. State of the art Computer Aided Design packages are introduced with case studies. Emphasis is placed on gaining practical skills by solving realistic design problems.

Estimated course enrolment: 65 students

Estimated TA support: 234 hours

Class schedule: Wednesday 09:00-12:00; Wednesday 18:00-20:00

Sessional dates of appointment: January 2022 – April 2022

Salary: \$13,000 (per half course inclusive of vacation pay) 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.

Minimum qualifications: Applicants should have a strong record of presenting lectures or acting as a teaching assistant. Applicants must be able to demonstrate considerable depth of knowledge and experience in the subject area. All applicants must have excellent communication skills – both oral and written. Professional Engineer (P.Eng.) license or Engineering Intern (EIT) registration required. The successful candidate will be reimbursed for the EIT registration fee.

Description of duties: Preparation of lectures and course materials; delivery of lectures; supervision of Teaching Assistants; setting and marking of tests and exams; evaluation of final grades; contact with students. Duties may be conducted online.

Application instructions: Please submit a Course Instructor Application Form, Resume and Teaching Dossier to the MIE Undergraduate Office by email at ugservices@mie.utoronto.ca no later than August 23, 2021 at 11:59pm (eastern time). The Course Instructor Application Form can be found on the MIE Careers page here: <https://www.mie.utoronto.ca/faculty-staff/careers/>. Applicants must include full contact information of their supervisor, plus two U of T employees (faculty of staff) who can testify to the teaching skills of the applicant. If during the application and/or selection process you require accommodation due to a disability, please contact Gayle Lesmond/ ugservices@mie.utoronto.ca. The appointment will be made at the earliest possible time before the commencement of classes by the Associate Chair (Undergraduate) 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.

This job is posted in accordance with the CUPE 3902 Unit 3 Collective Agreement.

It is understood that some announcements of vacancies are tentative, pending final course determinations and enrolment. Should rates stipulated in the collective agreement vary from rates stated in this posting, the rates stated in the collective agreement shall prevail.

Preference in hiring is given to qualified individuals advanced to the rank of Sessional Lecturer II or Sessional Lecturer III in accordance with Article 14:12 of the CUPE 3902 Unit 3 collective agreement.

Please note: Undergraduate or graduate students and postdoctoral fellows of the University of Toronto are covered by the CUPE 3902 Unit 1 collective agreement rather than the Unit 3 collective agreement, and should not apply for positions posted under the Unit 3 collective agreement.