

DEPARTMENT OF EARTH SCIENCES
Faculty of Arts and Science
University of Toronto

JOB POSTING - SESSIONAL LECTURER

Course Number and Title: ESS331H1S – Sedimentation and Stratigraphy

Course description: Formal principles of stratigraphy, types of stratigraphic unit, methods of dating and correlation (biostratigraphic methods, magnetostratigraphy, radiometric dating). Methods of study in surface and subsurface (outcrop measurement, elementary introduction to wireline logs, seismic methods). The principles of facies analysis; sediment transport - sedimentary structures, the flow regime, and sediment gravity flows. The carbonate factory and carbonate rock classification. Trace fossils. Laboratory exercises in understanding facies mapping, isopachs and isolith maps. Prerequisites: ESS221H1; Recommended Preparation: ESS222H1, ESS330H1; Distribution Requirements: Science; Breadth Requirements: The Physical and Mathematical Universes (5)

Estimated course enrollment: 30 students

Estimated TA support: 120 hours

Schedule: Lectures Monday 11:00 pm -12:00, Tuesday 2:00 pm-3:00; Labs Thursday 10:00 am -12 pm;

Sessional dates: January 1 to April 30, 2020

Please note: This position includes the completion of any course work and grading not completed by April 30, 2020.

Rate of pay: Sessional Lecturer I - \$8,323.20; Sessional Lecturer I Long Term - \$8,531.28; Sessional Lecturer II - \$8,739.36; Sessional Lecturer III \$8,947.44 (including 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.

Qualifications: A Ph.D. degree, or enrolment in a Ph.D. program in geology or a closely related field is required. In exceptional cases a M.Sc. may be accepted. Experience teaching geosciences at the university level will be preferred.

Description of duties: The lecturer will be responsible for effectively delivering the course with all of the attendant organizational issues of lecture and tutorial preparation and delivery, supervising of teaching assistants, setting, supervision and marking of exams, final course marks, course evaluations and so forth.

To apply for this position, please send a cover letter, updated CV and the CUPE 3902 Unit 3 application form located here <http://forms.hrandequity.utoronto.ca/#employment> .

Russ Pysklywec Chair
Department of Earth Sciences
22 Russell St, Toronto , Ontario M5S 3B1
e-mail: spapaleo@es.utoronto.ca

Posting date: July 17, 2019

Closing date: August 8, 2019

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.

Preference in hiring will be 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.

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

