CUPE Local 3902 (Unit 3) Job Posting

Sessional Lecturer Position

Posting Date: September 17, 2020

Program: Master of Health Informatics (MHI)

Sessional Dates of Appointment: Winter 2021, January to April

Course Title: MHI2019 - Information Systems, Services and Design

Course Description:

Information systems permeate seemingly all aspects of both work and play. One of the greatest drawbacks in the use of such technologies, however, is poor technological literacy among system owners and users alike: a tendency to unbridled enthusiasm for what information systems can do, but without concomitant reflection on their limitations, and critical implications of how they are designed and why they are used.

This course will orient students to fundamental perspectives necessary for sound technical judgement about the place of information and communication technologies in contemporary society. A balance of theory and practical perspectives is sought. On the theoretical side, three interrelated themes are developed: the structure of information systems, the design of information systems, and the social implications of information systems. The practical side is developed through assignments (data modelling, information systems assessment, and systems development planning).

Objectives:

Students will develop an understanding of how information systems work, to be able to appreciate their capabilities and limitations. At the end of the course, students will be able to:

**Theoretical Objectives:**
- Know the origins and evolution of IS.
- Understand the function and structure of networks and databases.
- Describe systems development methods.
- Discuss how to measure IS quality.
- Appreciate multiple ethical issues in the deployment of IS, both in and out of workplaces.
- Articulate the challenges and limitations of electronic support of group activities.

**Practical Objectives:**
- Demonstrate data modelling skills in constructing entity-relationship diagrams and data flow diagrams.
- Describe how to systematically evaluate an existing information system.
- Demonstrate an ability to author a Request for Proposals document.
• Participate meaningfully in the planning process for an IS design and implementation.

Course Details:

Class schedule: Modular
Estimated enrolment: 66
Estimated TA support: based on enrolment - None

Qualifications:

• A PhD or equivalent level of education with extensive experience in health information systems analysis and design, and data modeling;
• A robust understanding of health informatics and information technology, big data analyses;
• An extensive knowledge of eHealth landscape in Canada;
• Past teaching experience related to health informatics, preferably at the graduate level;
• Prior experience in curriculum development and adult teaching-learning methods;
• Comfortable with electronic teaching tools such as Learning Management Systems (e.g., Quercus), PowerPoint, as well as on-line collaboration tools (Blogs, Wikis, Discussion Boards, Webinars, or Video-conferencing).

Duties:

• Course instructor for a professional graduate course using competency-based learning and assessment methods.
• Must be accessible to students outside of classroom hours.
• Available evenings and weekends.

Salary: Commensurate with experience

Application: Please send your CV and cover letter via e-mail to ihpme.appointments@utoronto.ca.

Closing Date: Friday, October 9, 2020

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.