



CUPE Local 3902 (Unit 3) Job Posting

Sessional Lecturer Position

Posting Date: September 11, 2017

Program: *Master of Health Informatics (MHI)*

Sessional Dates of Appointment: *Fall 2017, September to December*

Course Title: MHI1001H - Information and Communication Technology in Health Care

Course Description:

This course will introduce the fundamental concepts of information and communication technology to students with a health science background, but no formal training in computer or information technology. The course will cover material that is relevant to health informatics and focus on the understanding of hardware and software systems. The proper design and specification of health information systems will be emphasized. The purpose of this course is to provide the students with a sufficient background to understand the technical details of healthcare ICTs and to apply their knowledge in the design and specification of systems.

Objectives:

Upon successful completion of the course, students will be able to:

- Learn how computers work, flex and data structure
- Learn how computers communicate over a network based on OSI model
- Understand the method for communicating health data
- Understand the best practices for securing health information
- Practice application of object-oriented methodology in health informatics
- Translate the business requirements to UML representation
- Learn the methods for storage and communication of multimedia information in healthcare
- Explain the methods for providing healthcare from remote

Course Details:

Class schedule: Weekly, 2 hours

Estimated enrolment: 35

Estimated TA support: based on enrolment - None

Qualifications:

- A PhD or Masters level education with experience in health informatics, preferably in the areas of ICT adoption, implementation, and evaluation;
- A robust understanding of information technology, operating systems, networks, system security;
- 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., Blackboard), 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: September 14, 2017

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