

**The University of Western Ontario
School of Health Studies**

**Health Sciences HS2045a
Emerging Trends in Health Care**

September 2012

Instructor: Deborah Fitzsimmons
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Office Room Number: HSB 215
Office Hours: Email for appointment
Date and time: Mondays/Wednesdays/Fridays 12:30 – 13:30
Location: 3M-3250

Prerequisite Checking

Unless you have either the requisites for this course or written special permission from your Dean to enroll in it, you may be removed from this course and it will be deleted from your record. This decision may not be appealed. You will receive no adjustment to your fees in the event that you are dropped from a course for failing to have the necessary prerequisites.

Pre-requisites: Health Sciences 1001a/b & Health Sciences 1002a/b

Course Information

Course description: Internationally health care systems are facing significant challenges to ensure they are able to deliver efficient, effective and economical health care services. This course will enable students to examine emerging trends in health care, including information and communication technologies, used to create a viable, patient-centred system.

Course objectives: The learning objectives of this course are for students to:

- identify emerging trends used in health care delivery in Canada and internationally;
- identify the benefits and issues associated with the implementation of new technology or new care delivery methods;
- apply their understanding to analyze a new technology and identify the rationale, benefits and limitations associated with that technology.

Class format: Each class will be of one hour duration using a combination of traditional didactic teaching (lectures), real-world examples, workshop activities and guest speakers.

Students are expected to prepare for each class by having obtained and read all material identified for that class. Attendance and participation in class is expected.

Course Materials

Texts: Online course materials are identified within the course outline and students are responsible for accessing and obtaining the material.

A text for the course will be identified prior to the outset of the course.

Evaluation

Students academic performance will be assess in the following ways:

A. Mid-term examination	20%	15 th October (12:30 – 1:30)
B. Participation	15%	3 rd December
C. Assignment	15%	12 th October
D. Group report	25%	28 th November
E. Final examination	25%	TBD

Mid-term examination (20%)

There will be a mid-term examination in class on 15th October lasting 50 minutes covering all material discussed in the course (including online material provided) up to and including October 10th. The format of the examination will be a combination of multiple choice questions and short written answers.

In the event that the mid-term exam is missed for medical reasons or extenuating circumstances, appropriate supporting documentation **MUST BE** provided. If appropriate documentation is provided, a makeup examination will be scheduled within one week of the scheduled exam.

Group Project

Students will organise themselves into groups of four. Each group will be asked to identify and select a new health care technology that they will research to identify how the technology can be used, the type of healthcare organisation that may use the technology, the type of clinical conditions/programs it may be used for, the staff that may be involved in the purchase, implementation and use of the technology, and the benefits and issues associated with using the technology. In class during the week of November 26th, the groups will be expected to provide an informal five minute description of their project to their

colleagues so everyone is aware of the technologies analysed.

Group report (25%)

The group will submit a report (*3000 word limit*) in Word format which addresses all of the identified requirements in the group project definition above. This paper must be submitted both in hard copy in class on November 28th **and** electronically to the provided dropbox in WebCT. **All students will be responsible for uploading a copy of the group report via WebCT.** Both the outline and final paper must meet the following requirements:

- Title page with title of assignment, student name, student number, instructor's name, course number, date of submission, number of pages.
- Printed on 8.5" by 11" paper
- Use a 12 point font
- Lines must be double spaced
- 1" margins
- Spell checked
- Including a list of referenced using Harvard style (see weblinks in WebCT for further information)

Assignment (15%)

This paper (*1500 word limit*) will analyse a provided case study. The specific topic for the assignment will be disseminated during class on September 17th and posted subsequently on WebCT. The paper must be submitted both in hard copy in class on October 12th **and electronically via WebCT** in Microsoft Word format.

The assignment must meet the following requirements:

- Title page with title of assignment, student name, student number, instructor's name, course number, date of submission, number of pages.
- Printed on 8.5" by 11" paper
- Use a 12 point font
- Lines must be double spaced
- 1" margins
- Spell checked
- Including a list of referenced using Harvard style (see weblinks in WebCT for further information)

Participation (15%)

Given the focus on group work, external presentations, and the marks allotted to attendance, you must take part in every class. Regular, punctual class attendance is critical and any absence, along with repeatedly late arrivals to class, will affect your mark. 5% of this mark will be determined by your group members who will assess your participation in the group project. In class on December 3rd, each student will submit an evaluation of all members of their project group assessing their contribution to the outline, presentation, final report and project overall. This will be combined with an evaluation of the student's attendance and participation in class by the tutor.

Whilst students who fully participate in their group and contribute to all elements of the group work (meeting with the group members, undertaking research, writing of the outline and report, meeting with the course tutor and the brief presentation) will receive the same grade as their fellow group members, students who do not fully participate to the satisfaction of their group members and their tutor will receive a lower grade for any element of the assessment for which they have not been perceived as fully participating.

Final examination (25%)

There will be a final examination (scheduled by the Registrar) lasting a maximum of two hours covering all material discussed in the course. The format of the examination will be a combination of multiple choice questions and short written answers.

Grading criteria:

The grading criteria for this course are based upon university-wide grading criteria approved by the Senate:

A+	90 – 100%	Exceptional
A	80 – 90%	Superior work which is clearly above average
B	70 – 79%	Good work, meeting all requirements, and eminently satisfactory
C	60 – 69%	Competent work, meeting requirements
D	50 - 59%	Fair work, minimally acceptable
E	Below 50%	Fail

Late assignments:

Late written submissions for the group report and assignment will be penalized **5% for each part or full day** past the due date (including weekends) except where there are valid extenuating circumstances.

Statement on Use of Electronic Devices

Electronic devices, such as cellular phones and pagers, must be turned off during class. Laptops may be used for note taking during lectures, but using them to access email or the internet during class is not permitted. No electronic devices shall be permitted during any tests or examinations. Webcam, video, photographic or voice recordings of the instructor, teaching assistants or guest speakers is prohibited. Discovery of such occurrences may lead to dismissal from the class or course and confiscation of the cellular phone, pager, video, webcam, laptop, photographic or voice recording equipment.

Unruly behaviour directed at the course instructor, teaching assistants, guest speakers or other students will not be tolerated.

ADDITIONAL STATEMENTS

Student Code of Conduct

The purpose of the Code of Student Conduct is to define the general standard of conduct expected of students registered at The University of Western Ontario, provide examples of behaviour that constitutes a breach of this standard of conduct, provide examples of sanctions that may be imposed, and set out the disciplinary procedures that the University will follow. For more information, visit <http://www.uwo.ca/univsec/board/code.pdf>.

English Proficiency for the Assignment of Grades

Visit the website <http://www.uwo.ca/univsec/handbook/exam/english.pdf>.

Accommodation for Medical Illness or Non-Medical Absences

http://www.uwo.ca/univsec/handbook/appeals/accommodation_medical.pdf

The University recognizes that a student's ability to meet his/her academic responsibilities may, on occasion, be impaired by medical illness. Illness may be acute (short term), or it may be chronic (long term), or chronic with acute episodes. The University further recognizes that medical situations are deeply personal and respects the need for privacy and confidentiality in these matters. However, in order to ensure fairness and consistency for all students, academic accommodation for work representing 10% or more of the student's overall grade in the course shall be granted only in those cases where there is documentation indicating that the student was seriously affected by illness and could not reasonably be expected to meet his/her academic responsibilities.

A UWO Student Medical Certificate (SMC) is required where a student is seeking academic accommodation. This documentation should be obtained at the time of the initial consultation with the physician or walk-in clinic. An SMC can be downloaded under the Medical Documentation heading of the following website: <https://studentservices.uwo.ca/secure/index.cfm>.

Documentation is required for non-medical absences where the course work missed is more than 10% of the overall grade. Students may contact their Faculty Academic Counselling Office for what documentation is needed.

Whenever possible, students who require academic accommodation should provide notification and documentation in advance of due dates, examinations, etc. Students must follow up with their professors and their Academic Counselling office in a timely manner. Documentation for any request for accommodation shall be submitted, as soon as possible, to the appropriate Academic Counselling Office of the student's Faculty of registration. For BHSc students, you may go to the School of Health Studies Office in HSB room 222.

Scholastic Offences

Scholastic offences are taken seriously and students are directed to read the appropriate policy, specifically, the definition of what constitutes a Scholastic Offence, at the following website: http://www.uwo.ca/univsec/handbook/appeals/scholastic_discipline_undergrad.pdf .

Additionally,

1. All required papers may be subject to submission for textual similarity review to the commercial plagiarism detection software under license to the University for the detection of plagiarism. All papers submitted for such checking will be included as source documents in the reference database for the purpose of detecting plagiarism of papers subsequently submitted to the system. Use of the service is subject to the licensing agreement, currently between The University of Western Ontario and Turnitin.com (<http://www.turnitin.com>).
2. Computer-marked multiple-choice tests and/or exams may be subject to submission for similarity review by software that will check for unusual coincidences in answer patterns that may indicate cheating.

Support Services

There are various support services around campus and these include, but are not limited to:

1. Student Development Centre -- <http://www.sdc.uwo.ca/ssd/>
2. Student Health -- <http://www.shs.uwo.ca/student/studenthealthservices.html>
3. Registrar's Office -- <http://www.registrar.uwo.ca/>
4. Ombuds Office -- <http://www.uwo.ca/ombuds/>