Course Title: Disability in an Age of Information Technology

Course Code: GS/CDIS 5060 3.0, Section A

Term: WINTER 2017

Class Time: Wednesdays 11:30 a.m. – 2:30 p.m.

Location: VH 1156

Course Director: Professor Christo El Morr

Office location: HNES 412

Email: elmorr@yorku.ca

Teaching Assistant(s): Available on Moodle

Office Hours: Wednesday 10:30pm – 11:30pm or by appointment

Course Description:
This course examines concepts and experience of disability in relation to recent innovations in information technology and communicative innovation. Emphasis will be placed on relationships between technological innovation and societal definition of disability; the dissemination of information; the potential of new technology for empowerment/disablement, and on issues of technological research ethics.

Prerequisite: NA

Course credit exclusion: None

Course Learning Outcomes:

Upon completion of this course, the student will demonstrate the ability to:

1. Explain the history and evolution of Information Technology
2. Understand the benefits and risks of Information Technology
3. Explain current and emergent challenges in health Informatics
4. Explain The different fields of studies in Disability Informatics
5. Analyze the advantages and limitations of IT applications for people with disabilities
6. Propose solutions to overcome shortcomings in the current views in IT and disability
7. Provide a critical assessment of Information Technology approaches to disability

Required Textbook: N/A

Supplemental reading: N/A
Course website:

The Moodle website will host the course materials; it is where you need to go to engage in any online sessions outlined in the course schedule
- videos
- course outline
- slides from the lectures (usually available at least one day before the lecture)
- any other material for the course (links to readings, multimedia)
- any announcements about the course

Class Format and Evaluation

This course is offered in-class. It will consist of lectures, class discussions, case studies. Students are expected to attend the classes and to prepare for each class by reading the articles provided on the course website, and to actively participate in class discussions. Moreover, students are required to make weekly presentations on virtual communities and to produce and present a research paper.

Assessments/Evaluation: (see below for full description)

<table>
<thead>
<tr>
<th>Assessment (e.g. Test, Assignment, Exam)</th>
<th>% of Total Course Grade</th>
<th>Due Date</th>
<th>Date Grade Returned to Student</th>
</tr>
</thead>
<tbody>
<tr>
<td>Class participation</td>
<td>15%</td>
<td>Weekly</td>
<td>A Week after Submission</td>
</tr>
<tr>
<td>Online Class reflections</td>
<td>20%</td>
<td>Weekly</td>
<td>A Week after the Reflection</td>
</tr>
<tr>
<td>In-class Topic Presentations</td>
<td>25%</td>
<td>Weekly</td>
<td>A Week after the Activity</td>
</tr>
<tr>
<td>Research Paper</td>
<td>40%</td>
<td>April 4th, 2018</td>
<td>Two weeks after submission</td>
</tr>
</tbody>
</table>

The course requirements and weights are final and will not to be modified throughout the term.

You will be expected to attach an Assignment Attachment Form (on the last page) to each assignment and essay submitted.

Students must review and comply with the interactive on-line Tutorial on academic integrity and then take a self-test

Note: Late assignments and papers will be penalized with 10% off for every day of delay (including weekends).
## Course Schedule

<table>
<thead>
<tr>
<th>Week</th>
<th>Topic</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>UNIT 1: Background</strong></td>
<td></td>
</tr>
</tbody>
</table>

### 1

**Jan 10, 2018**

**Chapter 1: Introduction to Information Technology**

**Required Readings**


### 2

**Jan 17, 2018**

**Chapter 2: Introduction to Health Informatics Research and Ethics**

**Required Readings**


**Advised Readings**


### 3

**Jan 24, 2018**

**Chapter 3: Disability Informatics**

**Required Readings**

<table>
<thead>
<tr>
<th>Week</th>
<th>Topic</th>
</tr>
</thead>
<tbody>
<tr>
<td>4</td>
<td>Chapter 4: IT and Rehabilitation</td>
</tr>
<tr>
<td>Jan 31, 2018</td>
<td><strong>Required Readings</strong></td>
</tr>
<tr>
<td>5</td>
<td>Chapter 5: IT and Augmentative and Alternate Communication (AAC)</td>
</tr>
<tr>
<td>Feb 7, 2018</td>
<td><strong>Required Readings</strong></td>
</tr>
<tr>
<td>6</td>
<td>Chapter 6: IT and Assistive Technology (AT)</td>
</tr>
<tr>
<td>Feb 14, 2018</td>
<td><strong>Required Readings</strong></td>
</tr>
<tr>
<td>Week</td>
<td>Topic</td>
</tr>
<tr>
<td>------------</td>
<td>----------------------------------------------------------------------</td>
</tr>
<tr>
<td>Feb 21, 2018</td>
<td><strong>READING WEEK</strong></td>
</tr>
<tr>
<td>7</td>
<td>Chapter 7: Universal Design, Usability and accessibility</td>
</tr>
<tr>
<td>Feb 28, 2018</td>
<td><strong>Required Readings</strong></td>
</tr>
<tr>
<td>8</td>
<td>Mar 7, 2018</td>
</tr>
<tr>
<td>3</td>
<td>Chapter 8: Web Accessibility Initiative and Web Content Accessibility Guideline</td>
</tr>
<tr>
<td>Required Readings</td>
<td></td>
</tr>
<tr>
<td>9</td>
<td>Mar 14, 2018</td>
</tr>
<tr>
<td>4</td>
<td>Chapter 9: Health Monitoring and Tele-rehabilitation</td>
</tr>
<tr>
<td>Required Readings</td>
<td></td>
</tr>
<tr>
<td>Health Monitoring</td>
<td></td>
</tr>
<tr>
<td>Tele-rehabilitation</td>
<td></td>
</tr>
<tr>
<td>Week</td>
<td>Topic</td>
</tr>
<tr>
<td>------</td>
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</tr>
</tbody>
</table>

**Advised Readings**


**10 Mar 21, 2018**  
**Chapter 10: Technological innovation and societal definition of disability: A Critical Assessment**

**Required Readings**


**11 Mar 28, 2018**  
**CHAPTER 11: ONLINE SOCIAL MOVEMENT**

**Required Readings**


**12 Apr 4, 2018**  
**RESEARCH PAPER PRESENTATIONS**
Policy on Requesting Make-Up Examinations & Late Assignment Submissions

A. What to submit?

All request forms and supporting documents must be submitted in **hardcopy in their original form. Scanned/faxed/photographed copies are not accepted.**

The instructor and the School of Health Policy & Management have the right to request valid supporting documents. **All supporting documents are non-returnable. Examples include:**

a) **Medical Circumstances**
   - **Attending Physician’s Statement**
     
     NOTE 1: Other forms of medical notes are **not** accepted.
     
     NOTE 2: A student claim of a headache, stomach ache, nausea or cold documented in the Attending Physician’s Statement as the indication for illness will not be accepted.

b) **Non-Medical Circumstances**
   - **Death of direct family members** - death certificates, obituary notice, notice of funeral services, etc.
   - **Vehicle accidents** - automobile accident reports, etc.
   - **Emergency travel** – airline tickets with boarding passes, bus/train tickets, etc. The date that travel was booked on must be clearly shown. Airline/train/bus ticket/receipts for emergency travel must indicate destination, departure, and return dates.
   - **Disability Accommodation**
     (1) If you are seeking **anticipated** accommodations, submit your Letter of Academic Accommodation issued by the Counselling and Disability Studies at York University
     (2) If your request is for **unforeseen circumstances** related to a documented disability, your Disability Counsellor can provide supporting documentation if you have maintained contact during the term.

The tables below outline the **request forms** to be submitted and the submission deadlines.
### Reasons due to Unforeseen Circumstances

<table>
<thead>
<tr>
<th>Course Work</th>
<th>Forms</th>
<th>To Whom/Where to Submit</th>
<th>Deadlines for Seeking Approvals</th>
</tr>
</thead>
<tbody>
<tr>
<td>Assignments excluding the Final Assignment</td>
<td>No forms are required</td>
<td>Negotiate with, and seek approval from, the Instructor directly by email</td>
<td>No later than 1 calendar day after the unforeseen circumstance occurred</td>
</tr>
<tr>
<td>Mid-term Exams</td>
<td>Missed Test Documentation Form</td>
<td>The School of Health Policy &amp; Management (Room 403, HNES Building)</td>
<td>No later than 7 calendar days following a missed exam</td>
</tr>
<tr>
<td>Final Assignment &amp; Final Exam</td>
<td>Final Exam/Assignment Deferred Standing Agreement Form</td>
<td>The School of Health Policy &amp; Management (Room 403, HNES Building)</td>
<td>No later than 7 calendar days following either the missed examination or the last day to submit course work</td>
</tr>
</tbody>
</table>
**Reason: Religious Accommodation**  
(Requests need to be submitted well in advance)

<table>
<thead>
<tr>
<th>Course Work</th>
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<th>Deadlines for Seeking Approvals</th>
</tr>
</thead>
<tbody>
<tr>
<td>Assignments excluding the Final Assignment</td>
<td>No forms are required</td>
<td>Negotiate with, and seek approval from, the Instructor directly by email</td>
<td>No later than 14 calendar days prior to the assignment deadline</td>
</tr>
<tr>
<td>Mid-term Exams</td>
<td>Missed Test Documentation Form</td>
<td>The School of Health Policy &amp; Management (Room 403, HNES Building)</td>
<td>No later than 14 calendar days prior to the exam or assignment deadline</td>
</tr>
<tr>
<td>Final Assignment</td>
<td>Final Exam/Assignment Deferred Standing Agreement Form</td>
<td>The School of Health Policy &amp; Management (Room 403, HNES Building)</td>
<td>No later than 14 calendar days prior to the exam or assignment deadline</td>
</tr>
<tr>
<td>Final Exam not held during the official exam period in December or April</td>
<td>Religious Accommodation Agreement</td>
<td>The School of Health Policy &amp; Management (Room 403, HNES Building)</td>
<td>No later than 14 calendar days prior to the exam or assignment deadline</td>
</tr>
<tr>
<td>Final Exam held during the official exam period in December or April</td>
<td>Religious Accommodation Agreement</td>
<td>The School of Health Policy &amp; Management (Room 403, HNES Building)</td>
<td>No later than 3 calendar weeks prior to the start of the examination period</td>
</tr>
</tbody>
</table>
Reason: Disability Accommodation
(Requests need to be submitted well in advance)

<table>
<thead>
<tr>
<th>Course Work</th>
<th>Forms</th>
<th>To Whom/Where to Submit</th>
<th>Deadlines for Seeking Approvals</th>
</tr>
</thead>
<tbody>
<tr>
<td>Assignments excluding the Final Assignment</td>
<td>No forms are required</td>
<td>Negotiate with, and seek approval from, the instructor directly by submitting a Letter of Academic Accommodation</td>
<td>No later than 14 calendar days prior to the assignment deadline</td>
</tr>
<tr>
<td>Final Assignment</td>
<td>Final Exam/Assignment Deferred Standing Agreement Form</td>
<td>Negotiate with, and seek approval from, the School of Health Policy &amp; Management (Room 403, HNES Building) by submitting a Letter of Academic Accommodation</td>
<td>No later than 14 calendar days prior to the assignment deadline</td>
</tr>
</tbody>
</table>

B. Who Makes the Decision?

Approvals for final exams and final assignments are decided upon by a committee of the School of Health Policy & Management. Decisions about mid-term assignments/exams are decided by the instructor. Approvals are not guaranteed in either case.

C. If Your Request is Approved …

If an extension is granted for an assignment, the new deadline is firm and no further extensions will be considered.

If a make-up examination request is approved, the student must be prepared to write a make-up examination at a date set by the School of Health Policy & Management. Although the content to be examined will be the same, the format may or may not follow that of the original test/examination. You must check with the School of Health Policy & Management Main Office (HNES 403; shpm@yorku.ca) for the date and time of the make-up examination. A conflict in another course during the time of the make-up is not an acceptable reason for missing the make-up examination (unless there is an examination in the other course at that time). Only extremely unusual circumstances would warrant a second chance at a make-up examination.
D. If Your Request is Not Approved …

Decisions on **mid-term assignments/examinations** are final - there are no options to appeal. Late assignments will be subject to mark deductions as detailed in the course outline. You will receive a grade of zero for the missed examinations.

If your request associated with the **final** assignment/examination is not approved, you may petition through the Registrar’s Office. Follow the instructions posted on the [Registrar’s Office website](#).

**Important Course Information for Students and Instructors**

The Senate Academic Standards, Curriculum and Pedagogy (ASCP) provide a Student Information Sheet that explains the followings.

1. [Academic Honesty and Integrity](#)
2. [Access/Disability](#)
3. [Ethics Review Process](#)
4. [Religious Observance Accommodation](#)
5. [Student Conduct in Academic Situations](#)

**Additional information**

**A. Important University Sessional Dates**

You will find classes and exams start/end dates, reading/co-curricular week, add/drop deadlines, holidays, University closings and more on the [Registrar’s Office website](#).

**B. Tuition Refund Table**

You may be eligible for a full or partial refund depending on when you de-enroll from courses. Refer to the dates posted on the [Office of Student Financial Services website](#).

**C. Referencing Style**

A referencing style approved by the course director must be used for all assignments and essays. As examples, this may include APA, AMA, MLA. York University Libraries provide [manuals](#).

**D. Writing and Learning Skills**

You are strongly encouraged to seek assistance from the following university units.

1. [Writing Centre](#)
2. [Learning Commons](#)
3. [Learning Skills Services](#)

**E. Undergraduate Grading Scale**
Refer to the Registrar’s Office website for details.

F. Grading Scheme and Feedback Policy

Refer to the University Policy for details.

G. 20% Rule

No examinations or tests collectively worth more than 20% of the final grade in a course will be given during the final 14 calendar days of classes in a term. The exceptions to the rule are classes which regularly meet Friday evenings or on Saturday and/or Sunday at any time, and courses offered in the compressed summer terms. (Note: Final course grades may be adjusted to conform to Program or Faculty grades distribution profiles.)

H. Final Grade Reappraisals

Refer to the Registrar’s Office website for details.

I. Pass/Fail Legislation

Refer to the University Policy for details.
School of Health Policy and Management

Assignment Attachment Form

Student Name:  
Student Number:  
Course Code:  
Assignment Title:  
Due Date:  
Tutorial Leader (if applicable):

Please check each box after reading, to acknowledge agreement with each statement.

☐ I have read and understand the Senate Policy on Academic Honesty found on website at the following York Secretariat website on Academic Honesty.

☐ I have read and understood the assignment submission described in the course outline (syllabus)

☐ I have read and understood the criteria used for assessment in this assignment

☐ I have read and understood and followed the referencing guidelines required for assignments submitted at York University

☐ This assignment is entirely my own work, except where I have given documented references to work of others

☐ This assignment or substantial parts of it has not previously been submitted for assessment in any formal course of study, unless acknowledged in the assignment and previously agreed to by my Tutorial Leader and Course Director

☐ I understand that this assignment may undergo electronic detection for plagiarism and a copy of the assignment may be retained on the database and used to make comparisons with other assignments in the future

Signature: ___________________________  Date: ___________________