

HCIN 5300 A (0.5 credit)
Interactive Entertainment Technologies
Winter 2014

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Office Hours: Monday & Friday 1:30 – 2:30 pm, or by appointment

Lecture: Friday (8:35 – 11:25)
CB 3400

Course Description

This course is designed to give students an understanding of elements related to interactive entertainment technologies and the relationship to interactivity. In particular, we will be examinations on the limitations that technology places on interaction. As an introductory course, we will examine a range of topics important in the entertainment industry and explore the interaction foundations behind these technologies. We will examine areas important to social and hand-held computing, film, television, video games and ubiquitous computing.

Textbook/Reference Material

There is no required text book for this course. Alternate sources and readings will be announced as necessary.

Grading

1. Attendance and Active Participation	15 %
3. Paper Presentations & Discussion	30 %
• Single paper presentation – 10 %	
• Survey presentation – 20 %	
4. Research Project (Group)	55 %
• Plan – 10 %	
• Presentation – 10 %	
• Final Paper – 35 %	

A 10% per day late policy applies.

Course Outline & Schedule

This is a general course outline. Order and number of topics covered in class are subject to change.

Date	Theme	Presentation	Project
1 Jan. 10	Introduction		
2 Jan. 17	Social Media	• Paper I	• Project Ideas
3 Jan. 24	Mobile Entertainment	• Paper I	
4 Jan. 31	Games I	• Paper I	• Research Plan
5 Feb. 07	Deformable User Interfaces	• Paper I	
6 Feb. 14	Writing Workshop		• Ethics Application (if no dev)
Feb. 21	<i>(Reading Week)</i>		
7 Feb. 28	Tangible User Interfaces	• Paper II	• Ethics Application (if dev)
8 Mar. 07	Interfaces in SciFi* / Human-Music Interaction	• Paper II	
9 Mar. 14	Writing Workshop		• Intro/Related Work draft
10 Mar. 21	Games II	• Paper II	
11 Mar. 29	Brain Computer Interfaces / Physiological Computing	• Paper II	
12 Apr. 04	Project Presentations; Wrap Up		• Research Project Presentation
Apr. 14	<i>(No class)</i>		• Research Paper

* I highly suggest reviewing the book *Make It So* by Nathan Shedroff, available at the library.

Course Website on culearn.carleton.ca

Assignment marks and any announcements will be posted on cuLearn. It is your responsibility to check the web site frequently and make sure that your marks are correctly recorded. All marked assignments, tests, midterms and projects should be retained by students as proof of completion and grade.

Email policy

In order to ensure a timely response to your email queries, **the subject of the email must contain the course number in the subject** (e.g. HCIN 5300) in addition to the original subject of the email. Otherwise your emails may inadvertently end up in the junk folder as SPAM.

Instructors must use a Carleton email address to communicate private information to students (grade information, accommodations, etc). Please make sure that you contact university staff and faculty through your official Carleton email address. We have no way of confirming the identity of someone using non-Carleton email (i.e. gmail, yahoo, rogers, etc), and cannot provide any academic information to non-Carleton addresses. At this time students will have one of two official email address: @connectmail.carleton.ca or @cmail.carleton.ca. Both addresses are considered official Carleton University email address.

Instructional Offenses

Plagiarism and cheating at the graduate level are viewed as being particularly serious and the sanctions imposed are accordingly severe. Students are expected to familiarize themselves with and follow the Carleton University Student Academic Integrity Policy (See <http://www2.carleton.ca/graduate-studies/policies-and-guidelines>). The Policy is strictly enforced and is binding on all students. Plagiarism and cheating – presenting another's ideas, arguments, words or images as your own, using unauthorized material, misrepresentation, fabricating or misrepresenting research data, unauthorized co-operation or collaboration or completing work for another student – weaken the quality of the graduate degree. Academic dishonesty in any form will not be tolerated. Students who infringe the Policy may be subject to one of several penalties including: expulsion; suspension from all studies at Carleton; suspension from full-time studies; and/or a reprimand; a refusal of permission to continue or to register in a specific degree program; academic probation; or a grade of Failure in the course.

Inability to Complete an Assignment due to Illness

Students who are not able to submit an individual assignment due to a certified illness will have the weight of the assignment added to a following individual assignment, upon provision of the appropriate documentation at least two weeks before the final examination.

Medical certificate

Please note that in all occasions that call for a medical certificate you must use or furnish the information demanded in the standard university form. <http://www1.carleton.ca/registrar/forms/>

Academic Accommodations for Students with Disabilities

The Paul Menton Centre for Students with Disabilities (PMC) provides services to students with Learning Disabilities (LD), psychiatric/mental health disabilities, Attention Deficit Hyperactivity Disorder (ADHD), Autism Spectrum Disorders (ASD), chronic medical conditions, and impairments in mobility, hearing, and vision. If you have a disability requiring academic accommodations in this course, please contact PMC at 613-520-6608 or pmc@carleton.ca for a formal evaluation. If you are already registered with the PMC, contact your PMC coordinator to send me your **Letter of Accommodation** at the beginning of the term, and no later than two weeks before the first in-class scheduled test or exam requiring accommodation (*if applicable*). After requesting accommodation from PMC, meet with me to ensure accommodation arrangements are made. Please consult the PMC website for the deadline to request accommodations for the formally-scheduled exam (*if applicable*).

Religious observance

Students requesting academic accommodation on the basis of religious observance should make a formal, written request to their instructors for alternate dates and/or means of satisfying academic requirements. Such requests should be made during the first two weeks of class, or as soon as possible after the need for accommodation is known to exist, but no later than two weeks before the compulsory academic event. Accommodation is to be worked out directly and on an individual basis between the student and the instructor(s) involved. Instructors will make accommodations in a way that avoids academic disadvantage to the student. Students or instructors who have questions or want to confirm accommodation eligibility of a religious event or practice may refer to the Equity Services website for a list of holy days and Carleton's Academic

Accommodation policies, or may contact an Equity Services Advisor in the Equity Services Department for assistance

Pregnancy

Pregnant students requiring academic accommodations are encouraged to contact an Equity Advisor in Equity Services to complete a letter of accommodation. The student must then make an appointment to discuss her needs with the instructor at least two weeks prior to the first academic event in which it is anticipated the accommodation will be required.