INLS 490 Human Factors in System Design

Spring, 2014

Class Time and Location

Wednesday
6:00 pm to 8:45 pm
Manning 304

Instructor

Todd Barlow
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Course Objectives

Introduce human factors issues that influence the design, implementation, and evaluation of interfaces for computer systems. Practice principles and method introduced in lecture and discussion through application to design problems.

Textbook

There is no textbook for this course. Reading assignments are research papers or articles. The papers are available in Sakai.

Preparation for Lecture and Discussion

All students are responsible for reading all of the papers in Sakai. The quizzes, midterm exam, and final exam will contain questions based on the papers.

You should read the papers before the class in which we discuss them. I will ask you questions during class based on this assumption. Your class participation grade is based on your ability to answer these questions.

I will provide a set of questions that you should be able to answer after completing each week's reading assignment. You should answer at least one question for each paper before class begins. The possible range of scores for each answer will be 0 to 1. Missing answers earn a score of 0.

In-class Assignments

There will be in-class assignments during most classes. The majority of work should be performed during class. The assignment should be finished and submitted after class. The possible range of scores for each quiz will be 0 to 1. Missed assignments earn a score of 0.

Presentations

All students will give three presentations to the class. The student may choose the presentation topics but should confirm the choices with me before preparing the presentation. The presentation style will be PechaKucha .The possible range of scores for each presentation will be 0 to 1. Missed presentations earn a 0.

There will be questions about the presentations in the weekly quizzes.

Quizzes

There will be a quiz at the beginning of most classes. The possible range of scores for each quiz will be 0 to 1. Missed quizzes earn a score of 0.

Midterm Exam

The midterm exam will cover all readings and discussions up to the day of the exam. The exam will be on March 5.

Final Exam

The final exam will cover all readings and discussions during the semester. The exam date is TBD.

Grading

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Pre-class Q&A: 5%
Discussion: 20%
In-class assignments: 10%
Presentations: 10%
Quizzes: 5%
Midterm Exam: 25%
Final Exam: 25%
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Grade	Percentage
A	97-100
A-	90-96
B+	87-89
B	83-86
B-	80-82
C+	77-79
C	73-76
C-	70-72
D+	67-69
D	63-66
F	0-65

Grade	Percentage
H	95-100
P	80-94
L	70-79
F	0-69

Schedule

January 8
Introduction

January 15
Touch

January 22
Touch

January 29
Vision

February 5
Vision

February 12
Snow Day

February 19
Vision

February 26
Audition

March 5
Mid-term exam
Audition

March 12
Spring break

March 19
Attention

March 26
No lecture. I will be out of town.

April 2
Memory

April 9
Decision Making

April 16
Automation

April 23
Affect

Finals week
Final exam is on May 1 at 7 pm.
Location is TBD.