

# INLS 418 Human Factors in System Design

## Spring, 2018

### Class Time and Location

Thursday  
5:45 pm to 8:30 pm  
Manning 208

### Instructor

David Clarke, PhD  
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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 methods introduced in lecture and discussion through application to design problems.

### Reading Assignments

There is no textbook for this course. Reading assignments and research articles are posted in Sakai. All students are responsible for reading all the articles in Sakai. The midterm exam and final exam will contain questions based on the articles and lectures.

### Reading Assignments Presentations

Every student should be prepared to present that week's articles to their group and to the class. At the beginning of each class, each group will discuss the articles within their group. Afterwards, I will assign an article to a student. The student will present the article to the class. The presentations should follow the guidelines I provide during the first class. Presentations will be graded from 0 to 100%. Missed presentations earn a 0.

### Presentations on Student-Selected Topics

All students will give two presentations to the class. The student may choose the presentation topics but should confirm the choices with me before preparing the presentation.

For all presentations, the style will be [PechaKucha](#). Presentations will be graded from 0 to 100%. Missed presentations earn a 0.

### Projects

There are THREE projects. We will discuss each project during class. You will make presentations summarizing your project at the end of the semester

### Midterm Exam

The final exam will cover all lectures, articles, presentations, and projects during the 1<sup>st</sup> half of the semester. The exam will be on March 7.

### Final Exam

The final exam will cover all lectures, articles, presentations, and projects during the 2<sup>nd</sup> half of the semester. The exam date is **April 30 (Tuesday, 7pm)**.

### Grading

Reading Presentations:	10%
Student Topic Presentations:	10%
Discussions and Class Assignments:	10%
Projects:	40%
Midterm Exam:	15%
Final Exam:	15%

### Undergraduate

Grade	%
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	0-62

### Graduate

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

## Schedule

<b>Date</b>	<b>Readings &amp; Lecture Topic</b>	<b>Assignments Due</b>
10-Jan	Introduction to HF	None
17-Jan	Vision	Team Names
24-Jan	Visual Displays	Student Topics and Presentation Dates
31-Jan	Audition	Student Research Part 1; Folk Labels Part 1
7-Feb	Auditory Displays	Gestures Part 1
14-Feb	Attention	None
21-Feb	Memory	Folk Labels Part 2
28-Feb	Review	Student Research Part 2
7-Mar	Midterm	None
14-Mar	NO CLASS (Spring Break)	-----
21-Mar	Decision Making	Gestures Part 2; Folk Labels Part 3
28-Mar	Errors	Gestures Part 3
4-Apr	Motor	Student Research Part 3
11-Apr	Automation	Gestures Part 4
18-Apr	Affect	Folk Labels Part 4
25-Apr	Project Presentations	Student Research Part 4; Final Presentations
30-Apr	Final Exam (TUESDAY, 7PM)	