Welcome to CS519: Introduction to Human Computer Interaction

Carlos Jensen

Class Logistics

Instructor: Carlos Jensen (cjensen@eecs)
Office: Kelley 3031, by appointment

Class location: Weniger Hall 275
Meeting time: 9-9:50am MWF

Textbook (optional): Research Methods: A Modular approach
Sherri L. Jackson
http://goo.gl/8FzQb

Website: http://classes.engr.oregonstate.edu/eecs/fall2015/cs519-001
Mailing list: cs419-001-f15@engr.oregonstate.edu
Class rules

• Be on time
• Participate in class
• Do your assignments on time
• Do your reading on time
• Try your best on assignments
• Ask the hard questions
• Give me a hard time if I slack off

Class expectations

This class will not cover:
• Human factors
• Intro psychology
• Design techniques
• UI design frameworks etc.
Class expectations

What this class will cover:
• How to formulate good and interesting research questions
• A survey of qualitative and quantitative research techniques
• An introduction to Human-centered research

Equip you to do research or evaluation work in usability

Class topics

We are going to focus on research methods in usability and human computer interaction

What is Human Computer Interaction (HCI)?
What do we mean by Usability?
Why research methods?
Course topics

- IRB & working with human subjects
- Designing an experiment
- Interview techniques
  - Focus groups
- Survey techniques
- Ethnographic observation
- Cultural probes
- Data mining
- Heuristic evaluation
- GOMS
- Controlled experiments

Course topics

- Weekly readings
  - Expect you to do them before class, as well as go through slides.
  - Class-time will be spent on a combination of review and in-class activity

- 7* Assignments (80% of your grade)
- In-class assignments & participation other 20%

- Extra credit: find a future vision video for start of class

- No Final Exam

- * If you are a grad, signed up for 4 credits, there is an 8th assignment
Important message: For the grad students

We done goofed!

❖ We messed up the class credits, so you get extra homework!

❖ The class is 1-5 credits. If you registered when the class was 3 credits, go update to 4, if you want
   ❖ If you do not, you get to do the same assignments as the undergrads
   ❖ If you sign up for 5 credits… you’ll make me think of more work for you to do… please don’t make me do this.

Introductions

❖ What is your name?
❖ Grad vs. Undergrad
❖ What is your major/area of study?
❖ Why are you taking this class?