

LIS 677 Human Dimension in Information Systems - Dr. Diane Nahl

Primary Student Learning Outcome: SLO4 Technologies (Not core-eligible)

Prerequisites: None

Last ran: Fall 2017 (as LIS 693)

Meeting days and location: Thursdays, 1:00-3:30pm; HL 002K

Course objectives:

- Create and apply evaluative criteria and utilize human-computer interaction (HCI) research methods to examine information system interfaces
- Critically review and discuss interdisciplinary literature on particular aspects of human-system interaction
- Apply HCI research methods to design, conduct, analyze and report on systematic self-observations of interface use
- Apply HCI research methods to design, conduct, analyze and report on pilot field studies with information system/setting users
- Critically review and discuss selected research and theory from cognate fields (cognitive science, psychology, computer science, information science, communications, education, anthropology, information technology management, human-computer interaction, and others)
- Apply philosophical and ethical principles in designing and evaluating human-system interaction and complete a human participant certification module

Required texts:

- Chowdhury, G.G. and Sudatta Chowdhury. 2011. *Information Users and Usability in the Digital Age*. New York: Neal-Schuman

Required technology:

- Computer with a reliable internet-connection or mobile device with a high-speed connection
- Use of Google Groups

Teaching methods:

- Immersive learning projects, deep reading, online group discussion, critical analysis, guest presentations, and presentation of experiences, reading, and projects

Research methods:

- Information retrieval, participant-observer, movement methodologies, HCI research methods, content analysis

Major assignments:

- Field research report
- Interface assessment journal
- Online discussions

ePortfolio-eligible assignment: N/A. This course last ran prior to the establishment of the ePortfolio capstone.