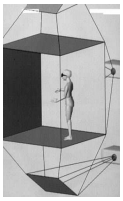
cisc 3650: human-computer interaction (hci), prof sklar, spring 2012

`http://www.sci.brooklyn.cuny.edu/~sklar/cisc3650/`




- instructor:
  Prof Elizabeth Sklar (email: *sklar@sci.brooklyn.cuny.edu*; AIM: *agentprof*)
  office hours posted each week: `http://www.sci.brooklyn.cuny.edu/~sklar`
- class meeting times and rooms:
  Mondays 11.00am-12.30pm, room 5122 N; and Wednesdays 11.00am-12.30pm, room 5301 N.
- prerequisites:
  Grade of C or better in CISC 3120 (or in CISC 3110 and knowledge of Java)
- course description:
  Overview of computer-human interfaces with an emphasis on classical and state-of-the-art approaches. Principles of human-computer interaction and human-robot interaction. Ubiquitous computing and interfaces for mobile devices. Interfaces employing speech recognition and computer vision. Sensor and robotic technologies. Computer supported cooperative work. Virtual and augmented realities. *(3 credits)*
- course structure:
  The following topics will be covered in 5 curricular units:
  I. Design Principles
  II. Evaluating Interfaces
  III. Understanding Users
  IV. Devices
  V. Social Computing
  VI. Human-Robot Interaction

  Class sessions will consist of lectures and hands-on labs. Students may bring their own laptops to the labs, or use the computers in the lab.
- computer:
  You will need to have access to a computer and the internet for this class, though having your own computer is not required. You can use the public machines in the library or the WEB building to complete your assignments.
- flash drive:
  A USB FLASH drive is **required**.
- textbook and course materials:
  There is no required textbook. Comprehensive lecture notes will be posted on-line. Some Tutorial material will also be available on-line. Readings will be provided from multiple sources. See the class web page for a complete list of sources.
- assessment:
  term grade is comprised of the following:

homework assignments	55%
midterm exam	15%
final exam	30%