CS 321  Human-Computer Interaction
Sample Syllabus

Time & Place: Monday, Wednesday 10:00 – 11:15 pm, EB 0011

Professor: Dr. Jerry Weinberg
Engineering Building, Rm. 3042
Office phone and voice mail: 650-2368
Email address: jweinbe@siue.edu

Office Hours: Monday & Wednesday 1 to 3:30 p.m.
Other time available by appointment

Prerequisites:
• “Interaction Programming” (CS 275) with a grade of C or better, anyone without the prerequisites will be automatically dropped from the course.
• You should know how to implement user interfaces, design simple databases, create database queries, and use a variety of algorithms & data structures. No programming techniques will be taught in this course. You will bring these skills to bear on a design project.

Required Textbooks:
Case of the Killer Robot, Richard Epstein, John Wiley & Sons, 1997

Course Website:
www.cs.siue.edu/hci

Objectives:
• To study theory and methods of the design of interactions between people and computers
• To learn and practice methods of conceptual modeling
• To learn and practice the techniques of participatory and customer centered design: gather user data, model user data, recognize design implications from the data, brainstorm ideas, prototype ideas, and test ideas for usability.
• To discuss the ethical & social responsibilities we have as computer professionals.
• And to Think Different.
Organization:
- The course will consist of lectures, small group discussions, individual assignments, and group assignments.
- Each class member will participate in a team design project. Teams will consist of 3-4 students. The team is expected to meet project deadline milestones.
- Each class member is expected to participate in an in-class small group discussion and exercises. Out of class exercises will be assigned to prepare for these activities.

To receive credit for the out of class exercises you must be in attendance for the in-class activities.

Grading:

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<tr>
<th>Component</th>
<th>Percentage</th>
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<tbody>
<tr>
<td>Assignments</td>
<td>30%</td>
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<tr>
<td>Midterm Exam</td>
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<tr>
<td>Final Exam</td>
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<tr>
<td>Design Project</td>
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