CSC 319  
Computer Human Interaction  

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COURSE CREDIT: 3 hrs. credit  
PREREQUISITES: CSC 216

OFFICE HOURS: MWF 8:30-9:30; TR 2:00-3:30; MW 1:30-3:30; other times by appointment

TEXT: Designing the User Interface, 4th ed.  
Ben Shneiderman and Catherine Plaisant

DESCRIPTION: This course is the study of the interfaces between the human and the computer and the design principles necessary to make such interfaces more effective. It provides a broad overview of CHI as a sub-area of the computer sciences and offers specific background relating to user-centred design approaches in information systems applications. Areas to be addressed include user interface and software design strategies, user experience levels, interaction styles, usability engineering and collaborative systems technology.

EVALUATION: The instructor reserves the right to make adjustments as necessary.

Tests: There will be a midterm exam worth 100 points each.

Course participation: Student participation in class discussion and homework discussion is worth 100 points.

Projects: There will be a major project prototyping and evaluating an user interface and one to three minor user interface prototype projects combined worth 100 points.

Final Exam: There will be a comprehensive final examination given at the time specified by the college. This examination will be worth 100 points.

Grading Scale:  
360 - 400 points A  
320 - 359 points B  
280 - 319 points C  
240 - 279 points D  
0 - 239 points F

Note: The student is expected to keep copies of all assignments. All graded work that is not returned to the instructor, should be retained by the student. If there were to be any question later about your grade, you would be expected to show these papers or provide a copy of the assignment.
CLASS ATTENDANCE:
The student is expected to attend classes. Regulations for class attendance are given in the catalog. Three tardies counts as one absence in this class. (See the Mississippi College catalog).

MAKE-UP WORK & TESTS:
Students are expected to take tests on the day they are assigned. However, it is the student's responsibility to contact the instructor in case of an emergency illness or death in the family before the test. At that time the student and instructor will agree on a time for the make-up exam. This time should be within 2 days of the missed test. Assignments are to be turned in on the day they are due!! All work is due at the beginning of the class period. Any work not turned in will lose 10% credit for each school day until the third day. The due date at the beginning of class is day 1. No work will be accepted after the third day. Under no circumstances will work be accepted after the assignment has been graded and handed back in class. Laboratory assignments not completed during the period are due before the next laboratory meeting. A missed laboratory can be made up at a special laboratory session at the end of the semester.

ACADEMIC INTEGRITY:
This statement on academic honesty in computer science courses is an addendum to the Mississippi College policy 2.19 found at http://www.mc.edu/publications/policies/academic/219.doc. In a computer science class, individual effort is expected. Student misconduct not only includes cheating on tests, but also extends to copying or collaborating on programming assignments, projects, lab work or research unless otherwise specified by the instructor. Using other people's accounts to do your work or having others do your work is prohibited. Close proximity in lab does not mean collaboration is permitted.

NOTE: Discussing logical solutions to problems is acceptable, exchange of code, pseudocode, designs, or procuring solutions from the Web, other texts, the Internet or other resources on or off campus is not acceptable.

First offense: grade of 0 for **all** parties involved unless the "guilty" party can be determined as well as any punishment deemed necessary under policy 2.19
Second offense: grade of F in the course as well as any punishment deemed necessary under policy 2.19

SPECIAL ACCOMMODATIONS:
If you need special accommodations due to learning, physical, psychological, or other disabilities, please contact Dr. Buddy Wagner in the Counseling and Career Development Center. He may be reached by phone at (601) 925-3354 or by mail at P. O. Box 4016, Clinton, MS 39058.

DROPPING A COURSE: LAST DROP DATE - March 24
Students cannot withdraw after this date with a W (passing) unless the three following criteria are met:
- Extenuating circumstances (clearly outside the student’s control)
- Passing the course at the time of withdrawal
- Does not have excessive absences at the time of withdrawal

NOTE: Dropping after the THIRD (3rd) WEEK will result in a grade of W appearing on your permanent record (transcripts). See http://www.mc.edu/publications/policies/academic/213.doc.
CSC 319  
Computer Human Interaction  
11:50-1:05 TH  
MCC 104  
Spring 2006  

Exam and Project Dates  

**Midterm** .......................................................... March 9  

**Final Exam, 11:00am** .......................................................... May 4  

<table>
<thead>
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<th>Week</th>
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<tr>
<td>1</td>
<td>17-Jan</td>
<td>Chapter 1. Usability of Interactive Systems</td>
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<td>19-Jan</td>
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<td>3</td>
<td>31-Jan</td>
<td>Chapter 2. Guidelines Principles Theories *</td>
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<td>4</td>
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<td>Chapter 3. Managing Design Process</td>
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| 5    | 14-Feb   | Chapter 4. Evaluating Interface Designs  
Chapter 5. Software Tools * |
| 6    | 21-Feb   | Chapter 6. Direct Manipulation and Virtual Environments * |
| 7    | 28-Feb   | Chapter 7. Menu Selection, Form Fillin, and Dialog Boxes * |
| 8    | 07-Mar   | Review  
Midterm |
| 9    | 14-Mar   | Spring Break |
| 10   | 21-Mar   | Chapter 8. Command and Natural Languages * |
| 11   | 28-Mar   | Chapter 9. Interaction Devices * |
| 12   | 04-Apr   | Chapter 10. Collaboration * |
| 13   | 11-Apr   | Chapter 11. Quality of Service * |
| 14   | 18-Apr   | Chapter 12. Balancing Function and Fashion  
Chapter 13. User Manuals, Online Help, and Tutorials |
| 15   | 25-Apr   | Chapter 14. Information Search and Visualization * |
| 16   | 02-May   | Review  
Final Exam |

*primary chapters