

Department of Computer Science and Engineering
College of Engineering, University of Nevada, Reno

Fall 2005

CS 491m/790m Seminar on Human-Computer Interaction

Lectures: MW, 1:00 – 2:15 pm, SEM 344

Instructor: Sergiu Dascalu
Room SEM-236
Tel: (775) 784-4613
E-mail: dascalus@cse.unr.edu
Web: www.cse.unr.edu/~dascalus

Office hours: TW 2:30 - 3:30 pm or by appointment or chance

Course outline: This course examines topics related to developing high quality user interfaces for interactive computer systems. Topics covered include usability requirements and measures, managing design processes, development methodologies, evaluating user interfaces, interface-building tools, interaction styles, collaborative systems, interaction devices, user manuals, and information search and visualization.

Pre-requisites: Instructor's approval

Texts:

- Required textbook: Ben Shneiderman and Catherine Plaisant, *Designing the User Interface: Strategies for Effective Human-Computer Interaction*, 4th ed., Addison-Wesley, 2004. ISBN: 0-321-19786-0.
- Recommended textbook: Jennifer Preece, Yvonne Rogers, and Helen Sharp, *Interaction Design: Beyond Human-Computer Interaction*, Wiley & Sons, 2002.
- Additional material as indicated later by the instructor. In particular, the list of books for the assigned reading presentation will be made available during the first week of the semester.

Initial www pointers:

- Required textbook's website (Shneiderman and Plaisant's *Designing the User Interface*): http://wps.aw.com/aw_shneider_dtui_4/
- Recommended textbook's website (Preece et al, *Interaction Design*): <http://www.id-book.com/>
- Gary Perlman's HCI bibliography: <http://hcibib.org/>

Grading scheme CS791m (subject to modifications):

- Assignments 15%
- Presentations 15%
- Midterm test 20%
- Project 32%
- Paper 13%
- Class participation 5%

Grading scheme CS491m (subject to modifications):

- Assignments 16%
- Presentations 16%
- Midterm test 20%
- Project 40%
- Class participation 8%

Notes on grading:

- Passing conditions (all must be met):
 - 50% overall &
 - 50% in test &
 - 50% in project and paper &
 - 50% in assignments, presentations, and class participation
- For grade A: at least 90% overall, at least 90% in class participation, and at least 60% in test(s)
- There are no make-up tests or homework in this course

Grading scale:

A	90 -100	[maximum 100]
A-	87 - 89	
B+	83 - 86	
B	78 - 82	
B-	75 - 77	
C+	71 - 74	
C	66 - 70	
C-	63 - 65	
D+	60 - 62	
D	55 - 59	
D-	50 - 54	
F	< 50	

Late submissions:

Late submissions of assigned work will be penalized with a deduction of 10% of the grade per late day, to a maximum of two late days for each submission. No material will be accepted after two days past the deadline. For example, an assignment that is worth 90/100 points will receive $90 \cdot 0.9 = 81/100$ points if it is one day late, $90 \cdot 0.8 = 72/100$ points if it is two days late, and will not be accepted if it is more than two days late. Note that late days are not divisible in subunits. Late days are not allowed for presentations and test.

On plagiarism and cheating:

Plagiarism and cheating will not be tolerated. It will be dealt with according to the policies of the University of Nevada, Reno regarding academic dishonesty. Please read these policies at www.unr.edu/stsv/acdispol.html

Legal notices on the world-wide web:

When accessing www resources such as downloadable software, technical reports, papers, on-line tutorials, etc., do not forget to read their accompanying legal notices and comply with their provisions.

Disability Statement: If you have a disability for which you will need to request accommodations, please contact me or someone at the Disability Resource Center (Thompson Student Services - 107), as soon as possible.

Tentative schedule:

Week	Dates (M, W)	Contents
1	Aug 29, 31	Lectures Students' introduction
2	- , Sep 7	Individual preparation, searching video clips & additional text, deciding on project group and topic
3	Sep 12, 14	Lectures: A#1 given Draw for presentations order
4	Sep 19, 21	Lectures, A#2 given A#1 due & Selection additional text
5	Sep 26, 28	Lectures, Project requirements given
6	Oct 3, 5	Lectures A#2 due
7	Oct 10, 12	Lectures, A#3 given
8	Oct 17, 19	Lectures Project part I due
9	Oct 24, 26	Lectures Presentations by students (project)
10	Oct 31, Nov 2	Presentations by students (project)
11	Nov 7, 9	Lecture, Invited talk or Independent study Project checkpoint, A#3 due
12	Nov 14, 16	Lecture Midterm (11/16)
13	Nov 21, 23	Lecture Presentations by students (additional book)
14	Nov 28, 30	Presentations by students (additional book)
15	Dec 5, 7	Presentations by students (additional book) Project part II due, Project demo
16	Dec 12, -	Paper due (12/14)