HCI 454: Interaction Design and Information Architecture

Danyell Jones
Section number: 201
Mo 5:45PM - 9:00PM
Zoom class
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Important Dates for Summer 2021:
June 25, 2021- Last day to drop classes with no penalty (100% tuition refund if applicable and no grade on transcript) and last day to select pass/fail option

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Drawing upon theory and principles, students learn how to design effective information structures and user interfaces.

By the end of the quarter, students will be able to:
- Design user interfaces appropriate for various users and devices.
- Produce design documentation including site maps, flowcharts and wireframes.
- Recall and apply common design principles.
- Employ common design methodologies such as card sorting.
- Select appropriate design patterns and user controls.

Tentative Projects
- Two small design projects (individual projects).
- Information architecture and navigable web site (team project).

Texts
All texts are available online as Safari books through the DePaul Library.

Required Texts
Designing Interfaces (2nd Edition)
Jenifer Tidwell
ISBN-10: 1449379702

Communicating Design: Developing Web Site Documentation for Design and Planning (2nd Edition)
Dan M. Brown
ISBN-10: 0321712463

Card Sorting
Donna Spencer
ISBN-10: 1933820020

Microinteractions: Designing with Details
Dan Saffer
ISBN-10: 144934268X

Optional Texts
Responsive Design Workflow
Stephen Hay
ISBN-10: 0321887867

Universal Principles of Design, Revised and Updated (2010)
William Lidwell, Kritina Holden, Jill Butler
ISBN-10: 1592535879

Grading

20% (60 points, 30 points per project)	Small Projects (2)
20% (30 points)	Team project
10% (20 points)	Quiz on IxD Concepts
40% (60 points)	Final project
10% (30 points)	Individual contribution

Students receiving more than 90% of possible points are guaranteed at least an A-, more than 80% at least a B-, more than 70% at least a C-, and more than 60% at least a D.
All submitted work (e.g. project reports, peer reviews, online discussions) must be original work unless its source is clearly referenced. Failure to clearly attribute quotes or designs from other people's work constitutes plagiarism. Violations will generally receive no credit for a given submission.

The final project includes individual analysis, design and reflective components. It is due at the time of the final exam.

The score for individual contribution to class and team projects is based on contributions to class activities, documented contributions in team reports, observed team activities (in class, email or group message boards) and team member reports at the end of the quarter.

Students who make solid contributions to their team projects and regularly participate in class (i.e. weekly contribution) receive at least 90% of the contribution points. Exceptional contributions receive more than 90%.

Team presentations occur in the last week of class. All students must contribute to the presentation, although all members do not need to be physically present for the presentation.

At the end of the quarter every student is expected to submit a completed evaluation form for each group member.

All group members are jointly responsible for the entire assignment, although the group may assign primary roles to each group member. Generally, each group member will receive the same score on each project. However, in some cases, additional credit may go to those who make an exceptional contribution to a project and reduced credit to those who contribute little to a project. Any adjustment will be based on a variety of indications including group participation in class, contribution summaries in reports, and student feedback at the end of the quarter.

Prerequisites
HCI 406 and HCI 440 are prerequisites to this course.

Course Policies
Students are expected to attend every class or watch the lecture online.
Tests can be made up with a serious documented excuse (e.g. illness, death in the family) and must be arranged as soon as possible. Arrangements involving other excuses require prior permission from the instructor.

Late assignments will be accepted up to 3 days late, with a 10% penalty. Assignments submitted more than 3 days after the due date will not be accepted without an excused absence cleared by the dean of students office (see forms for submitting an excused absence).

All grade challenges must be submitted in writing and include an explanation why the given score or grade should be reconsidered.

Tentative Schedule

Week	Topic	Reading	Assignment
1	Course overview, Review UCD process.	Tidwell ch. 1, Brown ch. 2, 7; Optional: Hay ch. 1	
2	Information & Organization	Tidwell ch. 2, Brown ch. 4-6; Optional: Hay ch. 2-5	Assignment 1 Due

3	Organization & Navigation		Assignment 2 Due
4	Navigation	Optional Spencer ch. 4-9	Individual Proposal Due
5	Cardsorting		Midterm
6	IA Tools	Optional Saffer ch. 3	Team Proposal
7	Controls and rules	Optional Saffer ch. 4	Team Navigation Site Due
8	Social Media, Mobile Design,	Course notes	
9	Advanced topics	Tidwell ch. 9-10, Optional: Hay ch. 6-7	Assignment 3 Due
10	Presentations		Team/individual Projects Due

School policies:
Changes to Syllabus
This syllabus is subject to change as necessary during the quarter. If a change occurs, it will be thoroughly addressed during class, posted under Announcements in D2L and sent via email.

Online Course Evaluations
Evaluations are a way for students to provide valuable feedback regarding their instructor and the course. Detailed feedback will enable the instructor to continuously tailor teaching methods and course content to meet the learning goals of the course and the academic needs of the students. They are a requirement of the course and are key to continue to provide you with the highest quality of teaching. The evaluations are anonymous; the instructor and administration do not track who entered what responses. A program is used to check if the student completed the evaluations, but the evaluation is completely separate from the student's identity. Since 100% participation is our goal, students are sent periodic reminders over three weeks. Students do not receive reminders once they complete the evaluation. Students complete the evaluation online in CampusConnect.

Academic Integrity and Plagiarism
This course will be subject to the university's academic integrity policy. More information can be found at http://academicintegrity.depaul.edu/ If you have any questions be sure to consult with your professor.

Academic Policies

All students are required to manage their class schedules each term in accordance with the deadlines for enrolling and withdrawing as indicated in the [University Academic Calendar](). Information on enrollment, withdrawal, grading and incompletes can be found at http://www.cdm.depaul.edu/Current%20Students/Pages/PoliciesandProcedures.aspx.

Students with Disabilities

Students who feel they may need an accommodation based on the impact of a disability should contact the instructor privately to discuss their specific needs. All discussions will remain confidential.

To ensure that you receive the most appropriate accommodation based on your needs, contact the instructor as early as possible in the quarter (preferably within the first week of class), and make sure that you have contacted the Center for Students with Disabilities (CSD) at:

Lewis Center 1420, 25 East Jackson Blvd.

Phone number: (312)362-8002

Fax: (312)362-6544

TTY: (773)325.7296