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DES-370 Interactive Design II: Principles and Methods

3 credits
Fall Semester 2014
Tuesdays & Thursdays

Section 002

125 Applied Arts
08:00 AM – 11:05 AM

Office Hours

T/R 5:35PM–7:35PM

By appointment or online (Skype, email, chat)

Note: Due to low enrollment it is also acceptable to meet during the last hour of DES-370-002 (10AM–11AM Applied Arts 125) or DES-325-002 (4:30PM–5:30PM Micheels Hall 175)

Course Description

This course addresses the principles and methods involved in the research, design, development, and evaluation of human-computer interaction (HCI) interfaces. The coursework is comprised of two individual studio projects and one group studio project. The ideas emphasized by these activities include the value of research, design as a process, visual and interactive aesthetics, technical development, and team-based collaboration.

Course Objectives

- Demonstrate research skills.
- Determine user needs.
- Organize a basic information architecture.
- Apply principles of design (visual and interactive) for creating human-computer interfaces
- Use contemporary coding languages for interactive prototype development.
- Employ methods for user-based evaluation.
- Employ methods for interface-based evaluation.
- Describe the dynamics of collaborating as part of a team.

Course Materials

- Printouts, color and black and white for various purposes
- External storage media for transferring files

Course Texts

Various PDFs distributed by the instructor. Online research materials including tutorials, resources, and documentation.

Course Website

The primary site for the class is located at <http://uws.johnkeston.com>. In addition a Learn@UWStout site has been established for disseminating materials and facilitating assignment submissions.

Attendance

Each student will be permitted three unexcused absences. Students who have more than three unexcused absences will have their grades reduced 1/2-grade (from A to A-). A half-grade reduction will occur for every additional three absences. Students who are tardy three times will incur an absence. Students who leave class early will incur an absence. Students with more than six absences will be at significant risk of failing the course.

General Expectations

- Students should contact the instructor with any questions.
- Professional behavior is expected at all times.

Students with Disabilities

UW-Stout strives for an inclusive learning environment. If you anticipate or experience any barriers related to the format or requirements of this course please meet with me so that we can discuss ways to ensure full access. If you determine that additional disability-related accommodations are necessary please contact the Disability Services office (206 Bowman Hall, 232-2995, <http://www.uwstout.edu/disability>).

Safety

Material Safety Data Sheets are available in this classroom for each hazardous chemical or material used in this class or recommended by the instructor for the completion of this course. It is required that students do not bring to class hazardous chemicals or materials not recommended by the instructor.

Grading

93-100 points:	A
90-92 points:	A-
88-89 points:	B+
83-87 points:	B
80-82 points:	B-
78-79 points:	C+
73-77 points:	C
70-72 points:	C-
68-69 points:	D+
63-67 points:	D
62 points & less:	F

Definitions

- *A*: Represents achievement that is outstanding relative to the level necessary to meet course requirements.
- *B*: Represents achievement that is significantly above the level necessary to meet course requirements.
- *C*: Represents achievement that meets the course requirements in every respect.
- *D*: Represents achievement that is worthy of credit even though it fails to fully meet the course requirements.
- *F*: Represents achievement unworthy of credit and does not meet the course requirements.

Policies

- Individual assignments will be accepted up to 5 days late. The grade of the assignment will be reduced by one full letter grade of the evaluated merit (from A to B).
- An Incomplete grade will be given only in the case of a documented emergency.
- Discovery of academic misconduct is subject to disciplinary

action under University of Wisconsin-Stout policies. As outlined in Chapter 14.03 of the UWS Administrative Code, academic misconduct is defined as an act in which a student:

- * Seeks to claim credit for the work or efforts of another without authorization or citation;
- * Uses unauthorized materials or fabricated data in any academic exercise;
- * Forges or falsifies academic documents or records;
- * Intentionally impedes or damages the academic work of others;
- * Engages in conduct aimed at making false representation of a student's academic performance; or
- * Assists other students in any of these acts.

Final Evaluation Period

Section 002 10:00AM – 11:50AM, 12.16.14

Points

Total possible

100 points

- | | |
|--------------------------------------|-----------|
| • Participation | 10 points |
| • Assignment 1: UX Evaluation Study | 15 points |
| • Assignment 2: Simple JS Calculator | 10 points |
| • Exercise 1: CSS3 Transitions | 5 points |
| • Exercise 2: jQuery Gallery | 5 points |
| • Exercise 3: jQuery UI | 5 points |
| • Assignment 3: Interactive Form | 15 points |
| • Assignment 4: Final Template | 10 points |
| • Final Web Application | 25 points |

Assignments

See <http://uws.johnkeston.com> for assignments details

Course Schedule

See <http://uws.johnkeston.com> for day-to-day scheduling