Syllabus

Professor: Dr. Renée Bryce
E-mail: Renee.Bryce@unt.edu

Overview: This course will introduce students to usability topics, including HCI style guides, user interface localization, and usability testing. Students will work individually on small homework assignments and in a team on a larger project.

Pre-requisites: Students should have the background to implement graphical user interfaces in a language of their choice.

Textbook: None.

Curriculum

This course is a special topics course that covers topics in usability testing, and also includes some preliminaries on Human-Computer Interaction. The minimum set of topics that will be covered include:

1. Designing user interfaces
   - Style guides
   - Parallel design
   - Localization

2. Usability testing
   - Preparing usability tests
   - Classifying usability problems
   - Techniques: surveys, questionnaires, interviews, observation, thinking aloud, performance measurement, heuristic evaluation

In addition to these topics, students will practice working together in teams for software design and implementation.

Course grading

No late assignments will be accepted without a university approved medical excuse. No make-up assignments will be given. Aside from the team project, all work is individual work and should be your own. You should not let another student view your homework assignment before the due date. All students are penalized the same, even if one student completes the assignment and another copies any part
of the assignment. Cheating will result in failure in the course. Please reference the UNT academic integrity policy for more information on cheating.

The grading breakdown of the final course grade is as follows:

- Pop Quizzes: 30%
- Group project – Part 1: 20%
- Group project – Part 2: 20%
- Group project – Part 3: 30%

**Total 100%**

The following scale will be used to translate to letter grades:

- A >= 90%, B >= 80%, C >= 70%, D >= 60%, F < 60%

**Attendance:** Attendance and class participation are strongly encouraged so plan to attend regularly. Students are responsible for any material and announcements covered in class. If your schedule does not allow you to attend class on-time, you should not register for this course. Students that are absent from more than 3 class periods without an official medical excuse will lose one letter grade, (i.e., if your course grade is 87% and you miss 3 class periods, your final course grade is 77%). An absence is counted if you are more than 10 minutes late to class.

**Grading Questions:** If you believe that there is a mistake in the grading on one of your assignments, projects, or exam you must bring these inquiries to the professor within one week of when the graded work is returned in class. After this grace period, it is too late.