

IT 278 Community-Based Technology Projects

Autumn Quarter (Fall) 2015-2016

Section: 701

Class number: 11916

Meeting day/time: Thursday, 5:45PM - 9:00PM

Location: 14 E. Jackson (Daley) Room: 503 at Loop Campus

Course Management System: Desire2Learn (D2L) d2l.depaul.edu

Instructor: Miranda Standberry-Wallace

Office: 14 E. Jackson Blvd (Daley Building), Suite 800 –Loop campus

Office hours: Tuesday, 9:30 am -11:00 am

I am available for appointments made outside of the set office hours. Please email me (mstandbe@depaul.edu) and/or call me at (312)362-8656 to set an appointment.

Autumn Quarter 2015

Wednesday, September 9, 2015 - Begin AQ2015 ALL CLASSES

Tuesday, September 15, 2015 - Last day to add (or swap) classes to AQ2015 schedule

Tuesday, September 22, 2015 - Last day to drop classes with no penalty

Tuesday, October 27, 2015 - Last day to withdraw from AQ2015 classes

Tuesday, November 17, 2015- End AQ2015 Day & Evening Classes

Wednesday , November 18, 2015 - Begin AQ2015 Day & Evening Final Exams

Tuesday, November 24, 2015 - End AQ2015 Day & Evening Final Exams

Textbooks and printed resources

No Required Textbooks for IT 278, Fall 215

- **(optional textbook)** Saffer, Dan (2009). Designing for Interaction: Creating Innovative Applications and Devices (2nd edition)
- **(optional textbook)** Tidwell, Jennifer (2011). Designing Interfaces: Patterns for Effective Interaction Design (2nd edition)

Additional reading materials will be provided on D2L.

Summary of course

Project development in cooperation with a community service organization. Students will assess urban community Web needs, develop and implement a Web solution.

Learning Objectives

Students will be able to:

- Apply a development life cycle model to a project
- Create a requirements document developed in consultation with a client
- Conduct usability tests on a project design
- Develop a Web solution based on established requirements
- Present project artifacts to multiple audiences

Prerequisites

Prerequisites: ISM 220 or IS 215 or IT 232

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Assignments

1. **Participation [10 percent of the course grade]**

Class participation points are earned each class by attending class on time and being an active participant in class activities both online and face-to-face. Students are expected to have completed assignments and discussion question(s) before each class meeting. Online participation points are earned by commenting on peers' work and helping to build the class community.

2. **Weekly Individual Reflections [10 percent of the course grade]**

Each week you must submit a journal entry that reflects upon your individual contribution and group progress toward the final project.

3. **Project Deliverables [30 percent of your course grade]**

- Needs Analysis Document: This document includes a statement of the design problem, personas, and user stories. This document requires the client's signature (affirmative email will suffice).
- Requirements Document: This document includes functional and non-functional requirements. This document requires the client's signature (affirmative email will suffice).
- Design Proposal: This document includes interactive wireframes or a paper prototype of the site. This document requires the client's signature (affirmative email will suffice).
- Usability Report: This report documents the results and recommendations of the usability study.
Training Manual & Video: This document illustrates the required steps to maintain the site.

4. **Final Project [40 percent of the course grade]**

The final project consists of a working Website, training and documentation that will enable the client to maintain the site.

5. **Peer and Client Review [10 percent of the course grade]**

At the end of the course each teammate will complete a survey that reflects upon their and their teammates' contribution/participation. Clients will be asked to complete a survey regarding the quality of their interaction with the team.

Grading

Grading will be completed within one week of the due date.

Grade Review Requests

Every effort is made to grade in a fair and consistent manner. Should a disagreement arise about a coursework grade, the student may submit a grade review request in writing to the instructor. The request must be submitted within 48 Hours after the assignment grade has been posted. The request must include the student's argument for a different grade evaluation, based on variable evidence presented by the student. The Instructor handles grade review requests and responds to the student with a review decision as soon as possible.

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Letter Grade Determination

The following table will be used in converting numeric grades into an official letter grade for the course:

Number Scale	Letter Grade
90 – 100%	A
80 – 89.99%	B
70 – 79.99%	C
60 – 69.99%	D
0 – 59.99%	F
Note: Grades within two points from the grade thresholds will be adjusted with - or +.	

Snapshot: Evaluation of Students

Component	Weights
Class Participation	10%
Weekly Individual Reflections	10%
Project Deliverables	30%
Final Project	40%
Peer and Client Review	10%

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 key to ability to continue to provide 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.

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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: cdm.depaul.edu/enrollment.

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: csd@depaul.edu.

Lewis Center 1420, 25 East Jackson Blvd.

Phone number: (312)362-8002

Fax: (312)362-6544

TTY: (773)325.7296

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. Changes are not made lightly as this syllabus is considered a contract between instructor and student

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Course/Lecture Schedule		
Lecture: <u>Module Start Date</u> Topic	Lecture Topic	Assignment Due (Submit assignments to D2L dropbox – Must be uploaded before midnight -by 11:5pm)
Lecture 1: <u>September 10</u> Intro to course	Overview of the course, project description and team formation User Centered Design Review	Due: Project Preferences (complete in class) <i>Meet & greet with Organization Representatives! Groups will be selected.</i>
Lecture 2: <u>September 17</u> Needs Analysis Phase	Needs Analysis Review	Due: Journal Entry (individual)
Lecture 3: <u>September 24</u> Needs Analysis Phase	Requirements Review	Due: Needs Analysis Document (team) and Journal Entry (individual)
Lecture 4: <u>October 1</u> Requirements Phase	Working Session	Due: Requirements Document (team) and Journal Entry (individual)
Lecture 5: <u>October 8</u> Design Phase	Prototyping Review	Due: Journal Entry (individual)
Lecture 6: <u>October 15</u> Design Phase	Working Session	Due: Wireframe or Prototype (team) and Journal Entry (individual)
Lecture 7: <u>October 22</u> Development Phase	Usability Testing Review	Due: Journal Entry (individual)
Lecture 8: <u>October 29</u> Development Phase	Working Session	Due: Usability Report (team) and Journal Entry (individual)
Lecture 9: <u>November 5</u> Development Phase	Working Session	Due: Functioning Website (team) and Journal Entry (individual)
Lecture 10: <u>November 12</u> Implementation Phase	Deliverables Review	Due: Journal Entry (individual)
Finals Week: <u>November 19</u> Implementation Phase	Presentation Day: Final Project Showcase	Due: Final Deliverables (team) and Journal Entry (individual) and Peer Review (individual) <i>Organization Representatives will be attendance!</i>
Important Note: Submit all assignments to D2L dropbox per instruction. This course <i>will not</i> have a midterm or final exam.		