

# IT 278 Community-Based Technology Projects

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Winter Quarter/Term 2015-2016

Section: 501

Class number: 22882

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

Location: 243 S. Wabash Ave. Chicago, IL 60604 Room: 634 at Loop Campus

Course Management System: Desire2Learn (D2L) [d2l.depaul.edu](http://d2l.depaul.edu)

**Instructor:** Miranda Standberry-Wallace

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

**Office hours:** Monday, 5:00 -6:30pm, Tuesday (Virtual)

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

## Winter Quarter/Term 2015-2016

January 04, 2016	Begin WQ2016 Day & Evening Classes
January 10, 2016	Last day to add (or swap) classes to WQ2016 schedule
January 15, 2016	Last day to select pass/fail option
January 17, 2016	Last day to drop classes with no penalty
January 18, 2016	Martin Luther King Day - University officially closed
January 18, 2016	Grades of "W" assigned for classes dropped on or after this day
January 22, 2016	Last day to select auditor status
February 21, 2016	Last day to withdraw from WQ2016 classes
March 12, 2016	End WQ2016 Day & Evening Classes
March 14, 2016	Begin WQ2016 Day & Evening Final Exams
March 19, 2016	End WQ2016 Day & Evening Final Exams

## Textbooks and printed resources

No Required Textbooks for IT 278, Winter 2015-2016

- **(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

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- Develop a Web solution based on established requirements
- Present project artifacts to multiple audiences

## Prerequisites

Prerequisites: ISM 220 or IS 215 or IT 232

## 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 [15 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 [30 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 [15 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

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grade review requests and responds to the student with a review decision as soon as possible.

## 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	15%
Project Deliverables	30%
Final Project	30%
Peer and Client Review	15%

## 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

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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: [cdm.depaul.edu/enrollment](http://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](mailto: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 Winter Quarter/Term 2015-2016		
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>January 6</u> Intro to course	Overview of the course, project description and team formation User Centered Design Review Intro to Agile Project Management	Due: Project Preferences (complete in class) <i>Meet &amp; greet with Organization Representatives! Groups will be selected.</i>
Lecture 2: <u>January 13</u> Needs Analysis Phase	Needs Analysis Review Agile Project Management- Team Project Best Practices	Due: Journal Entry #1 (individual)
Lecture 3: <u>January 20</u> Needs Analysis Phase	Requirements Review Project Management Hot Topic	Due: Needs Analysis Document (team) and Journal Entry #2 (individual)
Lecture 4: <u>January 27</u> Requirements Phase	Working Session: Requirements Prep	Due: Team Project Status Report #1
Lecture 5: <u>February 3</u> Design Phase	Prototyping Review Project Management Hot Topic	Due: Requirements Document (team) and Journal Entry #3 (individual)
Lecture 6: <u>February 10</u> Design Phase	Working Session: Wireframe/Prototype Prep	Due: Team Project Status Report #2
Lecture 7: <u>February 17</u> Development Phase	Usability Testing Review Project Management Hot Topic	Due: Wireframe or Prototype (team) and Journal Entry #4 (individual)
Lecture 8: <u>February 24</u> Development Phase	Working Session : Usability Report	Due: Journal Entry #5 (individual) <b>Note:</b> Begin work on completing Functioning Website (team) due in two weeks.
Lecture 9: <u>March 2</u> Implementation Phase	Deliverables Review Working Session: WordPress	Due: Usability Report (team) and Journal Entry #6 (individual) <b>Note:</b> Work on completing Functioning Website (team) due next week.
Lecture 10: <u>March 9</u> Last In-Class Session	<b>Presentation Day:</b> Final Project Showcase	Due: Functioning Website (team) and Final Deliverables (team) <i>Organization Representatives will be attendance!</i>
Finals Week: <u>March 16</u>	<b>No Class- submit work to D2L dropbox</b>	Due: Final Journal Entry #6 (individual)
<b>Important Note:</b> Submit all assignments to D2L dropbox per instruction. This course <i>will not</i> have a midterm or final exam. Schedule may be modified at instructor's discretion. All changes will be discussed in detail and updated in D2L.		