

IT 394 / 395 Software Projects for Community Clients

Syllabus – Winter / Spring 2014

Course Description

This is the first course in a two-quarter sequence (winter/spring) for CDM students that satisfies both the Senior Year Capstone requirement and the Junior Year Experiential Learning requirement. The second quarter will be IT 395. You will earn four quarter hours of credit for each quarter for a total of eight quarter hours of credit. You must successfully complete both quarters to receive any credit. We work with community service organizations, chosen with help from the Steans Center for Community-based Service Learning. As a community-based service learning course, students will have the opportunity to assess urban community needs in technology, and use problem-solving methods and strategies to make a substantial difference in an inner-city community group, usually by developing an application or a web site.

This year we are focusing on the North Lawndale neighborhood in Chicago and will be working with a variety of organizations and projects. We will have guest speakers from our client organizations as well as leaders in the community.

Course Objectives:

Students will be able to:

- Apply the agile development methodology to a project;
- Construct a technology solution to a problem or opportunity;
- Evaluate and prioritize system requirements based on resources; and
- Examine the dynamics of a social and economic system defined by geographic boundaries.

Course Information

Day and Time: Thursday 5:45 – 9:00
Location: CDM 226
Drop dates: January 17, 2014 with no penalty
February 21, 2014 last day to withdraw
Course Website: <https://d2l.depaul.edu> (D2L)

Instructor Information

Instructor: Theresa A. Steinbach, Ph.D.
Phone: 312.362.5064
Email: tsteinbach@cdm.depaul.edu
Office Hours: Thursday 4:00 – 5:30 CDM 744

Required Reading

Family Properties: How the Struggle Over Race and Real Estate Transformed Chicago and Urban America

Publisher: Metropolitan Books (March 2, 2010)

ISBN: 080507676X

Sold by: Macmillan

ASIN: B003EI2EKE

The Kindle version is available for \$8.99 from Amazon.

Online resources will also be used. Additional information will be provided in class and in the D2L course site.

Grading

Participation (20%)	In-class attendance and contribution to teamwork. You are expected to attend and actively participate in all scheduled classes. A peer-evaluation of your contribution to the project will be conducted and factor in your grade.
Reflective essays (30%)	These essays are based on the provided services by the community-based organization we are working with and scheduled speakers.
Project (50%)	Project documentation based on agile methodology. Project meets agreed-upon requirements. Client training on maintaining and using the application. Client turnover. Client evaluation at three critical phases: requirements, design, implementation and training.

Grading Standards

<u>Letter Grade</u>	<u>Minimum % of Total Points</u>	<u>Letter Grade</u>	<u>Minimum % of Total Points</u>
A	92.00	C+	78.00
A-	90.00	C	72.00
B+	88.00	C-	70.00
B	82.00	D+	68.00
B-	80.00	D	60.00
		F	0.00

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 academic integrity policy passed by faculty. More information can be found at <http://academicintegrity.depaul.edu/>.

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:

Student Center, LPC, Suite #370

Phone number: (773)325.1677

Fax: (773)325.3720

TTY: (773)325.7296