Syllabus

ISE201 Fall Semester 2007

Objective

This course deals with modern system analysis and design. It features a brief overview over project management and then details an agile approach to software system design and implementation. Students will learn all steps on a theoretical level and will also apply their newly acquired skills to a practical project complementing the course.

Textbook

Hoffer, AH, George, JF, Valacih, JS, Modern Systems Analysis and Design,
ISBN: 0-13-127391-4.

Course Outline

Class	Chapter	Topic
9/26/07	1 - 2	Introduction
10/3/07	3	Managing Systems Projects
10/10/07	4-5	Selecting and Initiating Projects
10/17/07	6 - 7	System Requirements
10/24/07	7 - 9	System Requirements
10/31/07	-	1. Project Presentation
11/7/07	10	Data integration
11/14/07	11	Forms and Reports
11/21/07	1-11	Midterm
11/28/07	12	Interfaces and Dialogues
12/5/07	14	Distributed Systems
12/12/07	15-16	Implementation
12/19/07		Bayram (Use it for review)
12/26/07	-	2. Project Presentation
1/2/08	1 – 16	Final exam

Grading

Attendance and Participation	10%
In-Class Work and Quizzes	20%
Midterm	25%
Project	10%
Final	35%

Attendance and Participation

Participation in class is a clear necessity for successful learning. Participation includes asking and answering questions as well as giving suggestions or providing possible personal insights into certain topics. Be aware, that mere attendance does not earn you points. Also keep in mind that distractive behavior (e.g.: playing computer games, chatting …) will lead to a deduction of points.

In-Class Work

Performance will be measured by occasional unannounced quizzes, successful completion and submission of deliverables of the course project, and successful completion of in-class assignments.

Midterm

The midterm exam will test general knowledge about everything learned in the course so far. It will mostly consist of essay questions, but there may be some true/false, fill in the blanks, and some multiple choice questions as well.

Project

3-4 students form a group and are assigned one of three possible, equally difficult projects. Students apply what they learn during a lecture to their project during the following week and submit any deliverables at the beginning of the following class. At the end of the courses a working project with all possible documentation needs to be submitted. Grading will be based on the quality of the software which was produced and on the quality of the accompanying documentation.

Final

The final exam will mainly focus on the skills acquired during the development of the project. Some additional questions will target excurses taking during the lectures. It will mostly consist of essay questions, but there may be some true/false, fill in the blanks, and some multiple choice questions as well.

Office Hours

Office:	409	
Hours:	Tu.	13:30 – 15:30
	We.	9:30 – 12:30