CS 3398: Software Engineering
Spring 2012

Section 251
Section 252

Instructor: Dr. Jill Seaman
Nueces 221
245-4706
js236@txstate.edu

Course Webpage: http://www.cs.txstate.edu/~js236/cs3398

Office Hours: M, W: 2:00PM – 3:00PM
T, TH: 11:00AM – 11:30AM
and by appt.
(subject to change).

Meeting Time/Place: MW 3:30PM-4:50PM DERR 240   (Section 251)
TH 12:30PM-1:50AM DERR 240   (Section 252)

Text: Software Engineering by Ian Sommerville, Addison-Wesley, 9th edition.
ISBN: 0137035152

List of required readings: Chapters 1-9

Prerequisites: CS 3358 and (CS 2315 or EE 2400)

Course Description: The study of software design, implementation, and validation
techniques through team projects. Structured analysis, programming style, and
project documentation are emphasized in large software projects.
This is a Writing Intensive course.

Course Objectives:
1. Students will be able to describe the details of several development models.
2. Students will be able to apply engineering skills to software development in order to produce higher quality, maintainable software.
3. Students will learn how to manage and effectively participate in a development group.
4. Students will participate in project teams and practice group planning, decision making, commitments and meeting team schedules.
5. Students will apply structured and thorough technical writing skills to software documentation.

Notifications from the instructor: Notifications related to this class will be sent to your
Texas State e-mail account. Be sure to check it regularly.

Grading:
Course Participation:	10%
Term Paper:	15%
Team Project Paper:	15%
Team Project Presentation:	10%
Midterm:	25%
Final Exam:	25%

Final Exam Dates: Section 251 (MW): Wed, May 9, 2:00PM to 4:30PM
Section 252 (TH):   Tues, May 8, 11:00AM to 1:30PM

Course Participation: This portion of your grade is based on attendance, quizzes, and in-class exercises and discussion. I record attendance every day and I expect you to be in class every day.

Term Paper: This is an individual assignment. You will be able to choose any topic in software engineering. The paper will be 7-10 pages, and should be a survey paper based on several different sources.

Team Project: You will form teams of 4-5 people. The main job of the team is to produce a Software Requirements Specification document given a problem description that will be provided to you. Each team will give a presentation of their results at the end of the semester.

Makeup Policy: Missed quizzes and attendance cannot be made up. Exams may be made up in exceptional circumstances, with approval from the instructor.

TRACS: Your grades will be posted on TRACS. Everything else will be on the class webpage.

Withdrawals/drops: You must follow the withdrawal and drop policy set up by the University and the College of Science. You are responsible for making sure that the drop process is complete.
http://www.registrar.txstate.edu/registration/drop-a-class.html

Last day to drop: March 22, 2012.

Academic Honesty: You are expected to adhere to the University's Academic Honor Code as described in http://www.txstate.edu/effective/upps/upps-07-10-01.html. Also see the Texas State Student Handbook.

Classroom Behavior: Do not disrupt other students during class. Please do not arrive late or leave early (without prior permission from the instructor). Cell phones, iPods, etc. should be kept out of sight and turned off or on vibrate during lecture. Laptops and iPads are fine for note-taking (or following the lecture notes) ONLY.

Accommodations for students with disability:
Any student with special needs requiring special accommodations should inform me during the first two weeks of classes. The student should also contact the office of disability services at the LBJ student center.