Senior Design Project/Graduate Design Project
Useful Information

Instruction and Textbook: There will be no actual teaching but technical advising. Therefore, there will be no required book.

Project Topic: You will select your own topic. However, the instructor needs to approve it first. The syllabus contains some topics. Sometimes the instructor may have some topics for you.

Classroom meeting: We will only meet three times in class. The rest will be in my office at your scheduled time slot.

Meeting Times: The instructor will provide you with the meeting schedule. You are supposed to select your convenient meeting time and make a note of it. If the instructor asks you to stop by, no day and time will be specified as it is already known.

Research Proposal Plan: You need to prepare your Research Proposal Plan using the form provided. The instructor will read this plan and make a decision about its approval. It is recommended that you submit more than one proposal in case your proposal is rejected.

Weekly Progress Report: You are required to submit a 3-5 page progress report every week starting at the first week. You have from Friday to Monday at 10 am to submit this report via email. NO report will be accepted after this period. The instructor will send you back your report with comments. If there is a possible issue that needs further advising, you will be asked to stop by. The first half a page should summarize what you have you done before. The rest of the report should provide details on what you added. The report should follow the approach of any technical paper using sections and references. You should have a handout on how to write the Final Report. Just follow these instructions. No computer programs are allowed in the weekly reports. Instead use code design. Note that the report is not an essay or a story, but a software engineering design. Avoid using "I" or "we."

Writing Center: You need to have the Writing Center correct it before submitting it. The corrections of the Center need to be given to the instructor. Either slide them through the door of the instructor's office or put them in the instructor's mailbox in the Records Office.

Plagiarism: Plagiarism is the act of taking another author's words, thoughts or conceptual analysis of a body of ideas, and presenting them as the originator without giving credit and appropriate reference to the true source. Whether intentional or not, plagiarism is considered stealing of intellectual property. If you have to copy something, you will need to put that in quotation and insert a reference. If you do not copy but you re-phrase it, you will need a reference. You cannot use a figure or table without written permission from the author. The instructor will take final report CD and run two programs on it. If Plagiarism is found, you will NOT get your degree (will NOT graduate).

Extended Abstract: During week 8 or 9, you will be asked to submit your Extended Abstract (7-10 pages, single spaced). This Extended Abstract is an image of what the instructor will see in your finished project. You will be provided with instructions on how to prepare it. The instructor will provide you with comments that you will need to take care of. In addition, the instructor will fix the title of your project. After the extended abstract, there will be no need for the weekly progress report.

Final Project Submission: You will need to follow the instruction of writing up your project. You need to submit a hard copy, which must be bound. In addition, a soft copy on a CD must also be submitted. Ensure that both the hard and soft copies are identical. All journal/conference papers you used in your project must be submitted with the final report.

Programming: All Software Engineering design projects should include programming. Program lists should be inserted in the Appendix of your final report.

Comprehensive Exam: This is a requirement for graduation. The topics (classes) included in the exam are stated in the document you have received. The weight for this exam is 30%. The date of this exam is specified in your syllabus. There will 30 multiple choices questions, five for each of the topics (classes) included in the test. Undergrad students will take this exam during the second class of the Senior Design Project sequence (CSSE-4592)

Project Discussion and Testing: All projects will be presented, tested, and discussed by members of the Program Advisory Council and faculty. Software Engineering projects will also be tested. You will be provided with a testing schedule to allow you to schedule your discussion and testing.

Software Engineering Ethics: Students taking the Software Engineering design projects should use the Software Engineering Code of Ethics and Professional Practice and apply them to their projects. A link for this Code is provided in the Code of Ethics sheet. This should appear in a separate chapter. The weight for this chapter is 10%.

Posters: Students must prepare a poster for presenting their projects at the University Poster Presentation Event, which will take place in March. Posters will be checked and approved by the instructor. The Poster should be submitted with Project Report. Failing to do that will result in deducting 10 points from your Term Project. A template will be provided.