

Catalog Data:

Provides guidance for the selection of a topic in the senior design project sequence. Projects, including industry-sponsored projects, presented for the student selection.

Requirements:

Each student will be expected to do the following:

1. Attend all scheduled class sessions.
2. Select a project
3. Prepare a written "mini-proposal" outlining their project

In addition, students are strongly encouraged to attend EE497 project presentations, day and time to be announced.

The "mini-proposal" is expected to be 1-2 pages (not including the title page) in length and should contain the following information:

1. A filled-out title page (attached to this syllabus) with the signatures of the sponsor and project advisor of the project (i.e., what the project is supposed to accomplish). The project advisor is a member of the EE/CS faculty who can help with any technical questions regarding the project and determines the technical merit of the project. Often, they are not the same person, but in some cases they may be.
2. A problem statement describing what the project is to accomplish. This should include the motivation behind wanting to solve the problem. (ie., why is this project interesting?)
3. Any preliminary descriptions of an approach that could be used to solve the problem.
4. A preliminary schedule for the design and implementation of the project, including division of work if it is to be a group project, and any dependencies on existing hardware or software.

Schedule

The first half of the term will be used for the selection of projects. We will meet whenever the Instructor or others present possible projects. Due to the small number of students in this class, we will not be meeting on a regular basis.

If you have some idea of the kinds of projects you are interested in, let the instructor know. Projects are being solicited continually, and we can try to match you up with one that matches your interests. Or you can work with a faculty member who will sponsor a self-generated project.

When you have decided on a project, you should make an appointment to talk to the instructor. Project selections should be made no later than two weeks after spring break. If you already have a project or you want to propose a project, you should make an appointment sooner rather than later.