

## ECE 371VV: Project Guidelines and Schedule

The purpose of the project is to explore the details of a specific commercial wireless system or standard. You will be studying the relevant fundamental principles in class, and you should try and understand the workings of the system based on these principles. I would also like you to critique the system design carefully, and suggest possible extensions and improvements where possible. I am hoping that in your project presentations you will teach your classmates (and me) all there is to know about the system that you have chosen to study.

I suggest the following strategy for finding information on the topic of your project. Begin by looking for magazine articles on your topic in *IEEE Communications*, *Personal Communications* and *Signal Processing* magazines. Supplement this search with a general search on the world wide web. Based on this initial search, you should be able to find more detailed journal articles/books on the topic.

The schedule for the project is as follows:

- **Preliminary proposal (due February 27):** This should be a one page description of your plans for the project. Include initial references for the project, and plans on how you may divide up the tasks of the project among your project partners
- **Project presentations (in class April 24, 26 and May 1):** I would each team to pick one or two people to make the presentation for the project, but all team members should work together in preparing the slides. Also all team members should be available to answer questions from the audience. You will be given a total of 25 minutes for the presentation, and each of the other teams will be asked to critique your presentation.
- **Project report (due May 8):** The report will consist of copies of the slides that you present, and explanatory notes and details that you could not include in your presentation. (The report does not entail too much work beyond what you put into the presentation.) You may also be asked to provide answers to specific questions that I and other students may have on your presentation.