

## Project

This year we will have a project. The purpose is for you to do some extensive self-study on a more advanced topic in Signal Processing and report your results back to the class. This project does not have to be an implementation project.

### Procedure:

1. Projects will be individual projects.
2. Read a little on the topic(s) that you are interested in. Articles from the IEEE Signal processing Magazine or from the Proceedings of the IEEE are the best source. You may also use Transaction articles.
3. Come to me with a written proposal that defines the scope of your project. All projects must be approved.
4. Do the work. I expect you to do about 40 hours (1 week) of work on the project after initial selection is done. Your goal is to understand your selected area and then present it so that the class can understand it.
5. You will have to hand in one report that is about 10 pages long. This report should explain your selected topic in language one of your classmates could understand. Report will be due on Friday, November 25.
6. In the last week of classes we will schedule about two or three sessions where each person will present their project. Each person will have 8 minutes to do their presentation. These presentations will be outside class hours. You need only attend the session where you present.

Marking for the project: 75% for report, 25% for presentation