

# Course Grading

- Test 1 (10%)
- Test 2 (20%)
- Matlab Lab Assignments (10%)
- Project+Oral presentation (20%)
- Final Exam (40%)

“The instructor reserves the right to change the grading scheme”

# Class Project

- You will propose and carry-out a semester-long project
- 20% of Final Grade
- Will require computer simulation (preferably Matlab but you
- Work as individual

## Purpose

- Provide you with research experience
- Improve communication skills
- Provide examples of the kinds of problems in mobile Communications
- Publish a paper

# Proposal

- All project topics are up to the student to decide. However, they must be approved.
- In order to obtain approval there must be a project proposal.
- Due date - **23/12/2007**
- **After this date we will start do the oral presentations**
- Format
  - ☐ 1-2 pages
  - ☐ Topic ( 1 paragraph background) ,
  - ☐ Objective (what do you plan to examine?)
  - ☐ Approach (how will you attack the problem?)
  - ☐ References
  - ☐ Expected results (what key results will determine your outcome?)

# Topics

- You can choose any topic which are relevant to mobile communications, but they must be approve by me within one month.
- Projects that includes “simulink or matlab simulations” will get **bounus marks**

## Project Information and Suggestions

The term project is a research project related to any topic in the mobile com. area.

**Literature survey,  
Analysis  
Simulation and Experiment.**

If you want to be ambitious you can propose a project that includes original research. However, repeating a simulation experiment, or a literature survey is also fine.

Note that your **references** must be published and/or you must supply an electronic link to them on your report.

Two students (maximum) may collaborate on the project if the joint project satisfies the following three criteria:

1. The project is of sufficient scope to merit collaboration by two people. It is expected that the amount of work on the collaborative project be approximately double that of a project undertaken by just one student.
2. The joint project cannot be separated into two effectively separate projects. In other words, there must be some reason why the work is done as a joint project rather than two separate projects.
3. The work can be delineated between the collaborators so that I can grade you separately.

The three criteria required for collaboration must be discussed in the project proposal. Both the project proposal and final report must have separate sections written by each collaborator describing their contribution. In rare cases collaboration by three students may be permitted, this also requires instructor approval prior to the proposal deadline.