

Final Project Proposal

You are required to submit an individual project proposal (maximum TWO pages including text, figures, and references) latest by March 3, 2008. The following outline is to be used for the proposal.

- *Problem*: background and statement of the problem.
- *Objective*: what you plan to do.
- *Novelty*: what is the novel aspect of your work.
- *Approach*: how you plan to solve the problem.

The project can be on design, analysis, modeling, or on a topic that is relevant to the course (No phase-locked loop project!). Originality and creativity are encouraged and it is expected that you will read at least TWO to THREE journal papers and synthesize some new ideas for your project. **Final project reports are due no later than 9am March 21, 2008 (Friday)**. The final project report should include a ONE page *Executive Summary* that contains the following sections: 1) Project description 2) Approach 3) Accomplishments.

The final project will be graded on the following components. The total score is 30.

1. Novelty/Initiative	5
2. Design/Analysis/Research	8
3. Results/Accomplishments	7
4. Exec Summary	3
5. Final Report	7

The following *www* sites contain a wealth of information and may help you define your project.

<http://smirc.stanford.edu/publications.html>
<http://www.ee.ucla.edu/~razavi/>
<http://www.simics.tec.ufl.edu/>
<http://www.chic.caltech.edu/>
<http://www.esat.kuleuven.ac.be/micas/>
<http://bwrc.eecs.berkeley.edu/>
<http://rfic.eecs.berkeley.edu/>