Project Guidelines
Computer Vision (Spring 2011)

The goal of your project is to learn something new and, perhaps, to contribute something to the field of computer vision. Most projects should be done in groups of two or three. Larger projects could have a group of four, and in special cases groups of one are OK.

Paper *(due May 11 noon, or during poster session)*
Use the style files here for your paper: http://nips.cc/PaperInformation/StyleFiles
The paper should be a minimum of 4 pages, and a maximum of 8 pages, including figures and references. Be sure to include an introduction that motivates the problem, discusses background material or related work, and summarizes the approach. The main section should provide details of the approach, experiments, and analysis. Finally, the conclusion section should summarize main conclusions, drawn from analysis and experiments.

Also, include a statement of individual contribution if there is more than one group member. If one person has done more or less than his/her fair share, please e-mail me separately. The project will be graded as a whole, but I may modulate individual grades based on this feedback.

Poster session *(on May 10, 10:30am, Siebel Center 2405)*
Posters can be presented on poster-size paper or with stitched printouts of normal-sized pages. The posters should graphically illustrate the key ideas, approaches, and results of the project. I will split posters into two groups. Each poster will be presented for one hour, and each student will evaluate two other posters during the hour he/she is not presenting. If you would like to do a demo and need special equipment or setup, please let me know in advance.

Grading
Grades will be based on the quality of the project (originality, thoroughness, extent of analysis, etc.) and the clarity of the written report and poster presentation. Ideally, you will try something new or apply ideas from class to your domain or research. More will be expected of larger groups. At least one project from last year was eventually published in a top conference, but you can also get full marks if you do something challenging or interesting that helps you learn something new.