Final Project Summary

Students can tackle either a short final project or a long final project. Projects may be done individually, or in small teams. Obviously, the project effort should be commensurate with the number of team members.

A previous hand-out gave several suggestions for both long and short final projects. Note that students can propose their own project, subject to approval.

Final Project Schedule

**Preproposal:** All students taking the long project option must turn in a 1-2 page “preproposal” by Friday, Feb. 11 (5:00 pm). This preproposal will contain:

- A brief description of the proposed project.
- A summary of the likely approach that will be taken by the project investigator(s).
- A listing of the “project deliverables.” That is, a description of how you propose to demonstrate and document the outcome of your project.

Students taking the short project option, but choosing a project of their own design, must also turn in a preproposal by Friday Feb. 25 (5:00 pm).

**Due date:** The final project is due at 5:00 p.m. on the last day of the winter quarter finals period. Your final project submission will consist of a project report that will include at least the following items:

- a short introduction that reviews the subject area of the project, the goals of the project
- a description of the technical approaches taken to solve the project problems.
- A demonstration of the project’s function (e.g., snapshots of graphical simulations, or plots of data taken from the robot).
- A “debriefing,” which is a brief summary of what you would do differently if you had more time, or started all over again.

Note that you can borrow material from your preproposal to produce this final documentation. In creating your final report, you should aim for a document that could be read and understood by another student in the ME 132 class.