

**MAE 473/573
Graphics in CAD
Fall, 2001**

**Registration #: 497656
Time: M W F, 16:00 - 16:50
Location: 97 Alumni**

Final Project – abstract submission

Your final project in this class is to be an “open” project, which will be decided by each project team. The only primary requirement for the project is that you and your partner make use of the computer graphics theory that has been instructed to you throughout the semester. Your project can be based on 2D graphics, 3D graphics, or some combination of the two. Clearly, your project should have some degree of engineering/technical/CAD relevance, and should incorporate the innovation, creativity, and personal interests of the members of each team. At the same time – your idea should be scalable – and manageable – within the 6 week time frame remaining in the semester. Don’t bite off more than you can chew!

On November 16, you will hand in a 1 page, 200 word (maximum!) typewritten Final Project Abstract which conveys, at minimum, the following information:

- Your name, and your partner’s name
- A tentative “title” for your project
- A brief description of the technical nature of the “problem” you will be “solving”
- A brief, general description of the nature of the computer graphics planned for your project
- A list of expected final deliverables – what will your program do, when complete?
- Your graphics mechanism: X-windows, or OpenGL?

Note 1: Feel free to stop by during instructor office hours to discuss your possible ideas with Dr. Chugh and Dr. Hulme, prior to the abstract submission date.

Note 2: The instructors of this class do not want to see “recycled” projects from past graphics courses. We fully expect that your project for this class will be a fresh, innovative creation.

You are to work in groups of 2 on this Project. No exceptions.

Abstract Due Date: November 16, 2001. BEFORE class.

Final project due date: December 11, 2001 (our scheduled final exam period)
Final presentations : 8:00-11:00 am
Hochstetter 114