

## **Final Project**

### **Haptics “Open House” (Project Demonstration)**

Monday, December 11, 2006

Latrobe 200

Functionality Grading: 11:00 am - 11:30 am

Public Demonstrations: 12:00 pm - 1:00 pm

The functionality of your project and your poster/demonstration on this day is 50% of the project grade.

At the demonstration, you will:

- Demonstrate and explain your project to me for the functionality portion of the project grade.
- Display a poster or flyer that gives the title of your project, your names, and an overview of the project. Foamcore board is available in 200 Latrobe, and a large format printer is available in NEB B26.
- Allow visitors to try out your simulation/haptic device, if applicable.
- Explain your project and answer questions.

### **Project Report**

Due Monday, December 18, 2006 by 4:30 pm (earlier is fine, of course)

Turn in to me or slip under my door (125 Latrobe Hall)

The report is 50% of your project grade.

The final report should:

- Be 3-8 pages in length.
- Be written as if you are going to submit it to a conference. (You should be somewhat formal; look at the papers we have read in class as examples.)
- Have an abstract.
- Contain sufficient motivation in the introduction to justify the work.
- Contain a background/previous work section, including references.
- Contain a detailed description of the project, such that another student from the class could re-create your project/experiment from the report if necessary. Code or drawings can be included as an appendix.
- Describe the results, which may include qualitative responses from users. You may wish to record qualitative responses and/or performance of users during the open house.
- Contain a future work section describing how your system could be tested through perceptual experiments, how it can be improved, and how it might be applied.

Upon request, I can provide you with a Latex or Word template so you can format it like a ready-to-publish paper.