

**ECE511/PSY511 PSYCHOPHYSICS**  
**A Joint Offering by the School of Electrical and Computer Engineering**  
**And the Department of Psychological Sciences**  
**Purdue University**  
**Fall 2005**

**Instructions for Project Final Report and Presentation**

- (1) **Final project reports for all teams are due *before* lecture on Thursday, 12/08/05.**
- (2) All reports should be typed, with 12 pt font size and 1 inch margins on all sides of the pages. There should be a cover page with the title of the project, and the names of the students on the project team (and nothing else!). Total length of the report should be 10 pages or less (excluding the title page and appendices, if any), with 1.5 line spacing.
- (3) The report should contain the following sections: **Introduction**, **Methods** (*Apparatus, Participants, Stimulus, Procedure, Experimental Conditions, and Data Analysis*), **Results** and **Discussion**. All description pertaining to the details of the experiment should be included in the Methods section. The Results section should contain only tables/figures summarizing the data, and conclusions to be drawn from the data. Finally, general comments (such as the applicability of the results, or ways of improving the experimental design) should appear in the Discussion section. It is also common practice to compare your results to those in the literature in the Discussion section.

You may want to consult a paper that appeared recently in *Perception & Psychophysics* (e.g., the MDS paper by Mark Hollins *et al.*) or in *ACM Transactions on Applied Perception* for an example of how psychophysical experiments are reported in the literature.

Note that for your final project report, you may include all data tables/graphs in a separate Appendix or Appendices. However, the 10-page report should be self contained. In other words, key summary tables/graphs should be included as part of the 10-page write-up. The Appendix should be used for including detailed materials. It should NOT be used to circumvent the 10-page limit.

- (4) Oral presentation of the project is an integral part of the project report, and will therefore be graded. It should be prepared in PowerPoint and follow the same outline as suggested in (3). **The presentations will be held on 12/06 and 12/08/05.** Each team will be allowed 30 minutes that include a 20-25 minute oral presentation and a questions/discussion period.
- (5) It is essential that all students on the team be experts on all aspects of the project. The instructor may direct a question to a specific student and that student is expected to answer the question. Failure to answer a question may result in a separate oral exam with the instructor, and possibly lead to a differential grade on the project for the student involved.
- (6) The schedule for oral presentations will be determined by Thursday, 12/01/05, depending on the progress of each team.