

ECE511/PSY511 PSYCHOPHYSICS
A Joint Offering by the School of Electrical and Computer Engineering
And the Department of Psychological Sciences
Purdue University
Fall 2018

Instructions for Written Project Report

- (1) **Final written project reports for all teams are due by 5 pm on Thursday, Dec. 5, 2019.**
There will be no lecture on that day. Submit your report (.doc or .pdf) electronically to “hongtan@purdue.edu”. A late submission will result in a 10% grade deduction for the team.
- (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 with all illustrations (excluding the title page and appendices, if any), with 1.5 line spacing. An additional page of References Cited is allowed.
- (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, including *Data Analysis*, should be included in the **Methods** section. The **Results** section should contain *only* tables/figures, description of the data, and conclusions to be drawn from the data. Finally, general comments (such as the applicability of the results, comparison with similar data in the literature, or ways of improving the experimental design) should appear in the **Discussion** section. It is a common practice to compare your results to those in the literature in the Discussion section.
- (4) You may include additional data tables/graphs in a separate Appendix or Appendices. For example, you may wish to use the appendix to include data plots for each participant for archival purposes. 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 NOT be used to circumvent the 10-page limit.
- (5) You may want to consult a paper that appeared recently in *Attention, Perception & Psychophysics* or in *IEEE Transactions on Haptics* for an example of how psychophysical experiments are reported in the literature.