**Final Paper and Presentation Requirements**

Pairs or individuals must work together to:

* Formulate a research question and develop a hypothesis through literature searches or general knowledge. Develop an experiment or quasi-experiment that can test your question.
* Discuss a concept for your project with the instructor.
* After discussion and consultation with your partner and the instructor, complete and submit a Design Form to confirm and finalize the details of the experiment.
* Find previous research relevant to the project for use in the introduction section of the final paper. *You will need 4 references for this paper.*
* Gather all of the materials needed to conduct the study.
* Conduct the study on the agreed-upon day. The rest of the class will serve as subjects. If you are recruiting participants outside of the class, discuss how this will be done with the instructor.
* Decide the appropriate statistical test for the design and conduct it on the data. You can use class time to work on data.
* Prepare a 10-20 min oral presentation of the group project, in which each group member will participate equally and for which he or she will be graded on individually. Guidelines for the presentation are on the following page (100 pts).
* Each person of the group individually writes 1 full paper (100pts) based on the study and submits for a grade (paper #4).
* Fill out rubric/peer evaluation form for each of the presentations, including your own (each partner does their own). This will be done in class, during the presentations.
* Submit Protocol Description pages (from Lab Manual for Psychological Research) on day of presentation. One copy per presentation.

**Group Presentation Guidelines**

Presentation duties can be distributed however groups see fit (e.g. each member can present a section or present all sections together), but each person should have an equal amount of presentation time. The presentation should follow the same logical progression as the final paper or any other paper within this course. The best approach is to summarize the main points of each section of the paper as follows. The presentation format is up to you – powerpoint, prezi, movie – but it must capture all of the elements of your research project and follow the paper format.

Introduction

* Define terms and concepts related to the study
* Summarize previous research in the area of the study and show how that research supports or suggests the hypothesis
* State your research question(s)
* State the hypothesis

Method

* Describe the participant/subjects to be used in the study in terms of demographics, characteristics, and method of recruitment, explaining these choices
* Describe the material and/apparatus and procedure to be used to test the hypothesis

Results

* State the results, using graph(s) and stating the statistical test used

Discussion

* Discuss the results, interpreting their meaning in reference to the hypothesis
* Identify particular strengths and potential flaws of the study
* Suggest ideas for further research
* Argue for the practicality and purpose of the experiment

Students will be graded individually based on the clarity of their portion of the presentation, demonstrating understanding of the material they present and their public speaking ability. Some general presentation points:

* Adherence to the points above: (GOOD: hitting all the points above, BAD leaving anything out)
* Clarity of presentation (GOOD: show a good grasp of the ideas and interpretations; BAD being unclear or uncertain of these)
* Quality of results and discussion portions: (GOOD: accurately interpreting results; thoughtfully and fully exploring possible flaws in the study and ideas for future study; BAD: incorrectly interpreting results and being unclear on ways to improve and extend the study)
* Public speaking ability: (GOOD: audible speaking voice, smooth speech, eye contact with audience. BAD: sitting down reading from paper or index cards, no eye contact)

**Design Form for Final Projects (1 copy per group)**

Group Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Group Members:

Research question:

Hypothesis:

Independent variables(s):

Dependent variable(s):

Operational definition of the DV:

Basic procedure for the experiment: