

## Psychology 250

### Exam 1 Study Guide

Please re-familiarize yourself with these terms and concepts BEFORE the review session. Terms listed with a “vs.” require you to know the difference between those two terms.

#### **TERMS**

|                                  |                                    |
|----------------------------------|------------------------------------|
| Introduction section             | Post hoc explanation vs. HARKing   |
| Method section                   | Discrete variable                  |
| Results section                  | Categorical variable               |
| Discussion section               | Continuous variable                |
| Reference section                | Independent vs. Dependent variable |
| Theory vs. Hypothesis            | Descriptive design                 |
| Situational variability          | Correlational design               |
| Individual differences           | Experimental design                |
| Temporal variability             | Quasi-experimental design          |
| Systematic vs. Error variability | Basic vs. Applied research         |
| Null vs. Alternative hypotheses  |                                    |

#### **OTHER THINGS YOU NEED TO KNOW**

1. The steps in the scientific method
2. The purpose of each section in a research paper
3. The elements that make up good theories
4. The levels of justification and rules for generating a hypothesis
5. The difference between a hypothesis that relates variables and compares groups, and the types of designs that correspond to those hypotheses