

# Advance Research Methods

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Text: Publication Manual of the American Psychological Association (6<sup>th</sup> ed)  
Experimental Psychology Workbook (Graf)

## Topics

Basic statistical concepts  
Parametric analyses  
Frequency analyses  
Rules of APA writing

Conducting research

Conducting research

## Grading

Statistics exam  
APA worksheet (6 @ 20 pts each)  
Reaction time introduction  
Reaction time manuscript  
Small group study  
Class participation, homework, worksheets,  
and contribution to the group

## Total

## Assignment

Two worksheets  
One worksheet  
One worksheet  
Six APA worksheets

Reaction time study

- Develop hypothesis
- Conduct research in class
- Write up introduction
- Write up study

Small group study

## Points

100  
120  
100  
200  
300  
180

1000 points possible

**PREREQUISITE:** You must have earned at least a B in an introductory statistics class. Failure to meet this requirement may subject you to being dropped from the course anytime during the semester.

**ATTENDANCE:** Attendance is mandatory. You are expected to attend EVERY class, on time, regardless of time in the semester or where we meet (classroom, stat lab, etc.) Unexcused absences in excess of two (2) will be reflected in your final grade. If you are unsure of your attendance record, ask the T.A.