

**Psychology 3308
Experimental Psychology
Spring 2016**

Instructor: Dr. David Cockrum
Office: LH 302
Hours: 2:00 – 4:00 p.m. MW, 2:00 – 3:00 F, or by appointment
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Text: Cozby & Bates, *Methods in Behavioral Research, 12th edition*

<u>Date</u>	<u>Topic</u>	<u>Assignment</u>
January 20	Introduction	
22	Data gathering activity	
25	Behavioral science research overview	Ch. 1
27	Library usage	Ch. 2
29	Literature review	
February 1	Ethical research	Ch. 3
3	Belmont Report / APA Ethics Code	
5	Institutional Review Board	
8	Non-human subjects	
10	Research fundamentals	Ch. 4
12	Validity	
15	Measurement scales	Ch. 5
17	Reliability / validity	
19	Observation methods	Ch. 6
22	In class research	
24	TEST ONE	
26	Review exam	
29	Experimental design: independent groups	Ch. 8
March 2	Correlated groups	
4	Journal article (library research)	
7	Conducting research	Ch. 9
9	Control methods	

	11	Communicating research results	
	14	Spring Break – no classes	
	16	“ “	
	18	“ “	
	21	Complex experimental designs	Ch. 10
	23	Factorial designs	
	25	interaction effects	
	28	Descriptive statistics	Ch. 12
	30	Inferential statistics	Ch. 13
April 1		Type I and Type II errors	
	4	Selecting inferential tests	
	6	TEST TWO	
	8	Select groups for research projects	
	11	Research project discussion	
	13	Conduct literature review*	
	15	Write Introduction*	Appendix A
	18	Turn in draft of Introduction section	
	20	Write Method section*	
	22	Turn in draft of Method section	
	25	Write Results and Discussion section*	
	27	Write Abstract*	
	29	Turn in draft of research paper	
May 2		Discuss draft	
	4	Make corrections to final paper*	
		(*) No class – work on group projects	
	11	FINAL ACTIVITY: Present research paper, 8:00 am	