

**Psychology 2307:1
Introduction to Psychology
Fall 2015**

Instructor: Dr. David Cockrum
Office: LH 302
Hours: 2:00 – 3:00 p.m. MWF, or by appointment
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Text: McCall, *Fundamentals Statistics for Behavioral Sciences*, 8th edition

<u>Date</u>	<u>Topic</u>	<u>Assignment</u>
August 24	Introduction and Summation Sign	Ch. 1
26	Measurement Scales	
28	Frequency Distributions / Quiz 1	Ch. 2
31	Graphs	
September 2	Measures of Central Tendency	Ch. 3
4	Measures of Variability / Quiz 2	
7	Labor Day Holiday	
9	Measures of Variability	
11	Populations and Samples / Quiz 3	
14	Percentile Ranks	Ch. 5
16	Standard Scores	
18	Normal Curve / Quiz 4	
21	Regression Analysis	Ch. 6
23	Linear Regression	
25	Correlation / Quiz 5	Ch. 7
28	Pearson Product-moment Correlation Coefficient	
30	Coefficient of Determination	
October 2	Correlation and Causation / Quiz 6	
5	Descriptive vs. Inferential Statistics	
7	Review of Descriptive Statistics	
9	MIDTERM EXAM	
12	Midterm Review	

14	Sampling	Ch. 8
16	Probability and Normal Curve / Quiz 7	
19	Hypothesis Testing	Ch. 9
21	Significance Level,	
23	Type I and Type II errors / Quiz 8	
26	t Test (Independent Groups)	Ch. 10
28	t Test (Correlated Groups)	
30	Quiz 9	
November 2	Research Design	Ch. 12
6	Experimental and Control Groups	
8	Quiz 10	
9	Analysis of Variance	Ch. 14
11	One Factor F Test	
13	Interactions / Quiz 11	
16	Nonparametric tests	Ch. 16
18	Chi-Square Test	
20	Wilcoxon Test / Quiz 12	
23	Spearman Rank-Order Test	
25	Thanksgiving Holiday – no classes	
27	Thanksgiving Holiday – no classes	
30	Review of Inferential Statistics / Quiz 13	
December 2	Review of Psychological Statistics	
9	FINAL EXAM, 8:00 am	