

Introductory Statistics for Behavioral Scientists – PSYC S1610D

10:45 a.m. – 12:50 p.m. M and W in 200B Schermerhorn; T and Th in 614 Schermerhorn

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Text: *Introductory statistics for the behavioral sciences, 6th ed.*, by J. Welkowitz, B.H. Cohen, & R.B. Ewen, Wiley, 2006

Grading: Course grades will be based on 3 exams (25% each), and homework (25%). Students are expected to attend class, and complete all homework assignments on time.

Date	Topic	Chapter
May 26	Memorial Day Holiday	
May 27	Research design; scales; variables	1
May 28	Frequency distributions; graphing techniques	2
May 29	Percentiles	3
June 2	Measures of central tendency	4
June 3	Variability	5
June 4	Transformed scores: z and t	7
June 5	Exam 1	
June 9	Normal distribution: z tables	8
June 10	Inferential statistics	9
June 11	Hypothesis testing; inferences about the mean	10
June 12	t test for 2 sample means	11
June 16	t test for 2 sample means	11
June 17	Chi square; two variable Chi square tests	20
June 18	Exam 2	
June 19	Linear Correlation	12
June 23	Linear Regression	12
June 24	One way analysis of variance	15
June 25	Multiple Comparisons	16
June 26	Introduction to factorial design	17
June 30	Two way analysis of variance	17
July 1	Two way analysis of variance	17
July 2	Nonparametric tests – ordinal data	21
July 3	Exam 3	