

Statistics 296 (Fall 2007)
Syllabus (Tentative)

Tuesday, September 4	Introduction to Stat 296; Parametric vs. Nonparametric Methods (§0.4, §0.5)
Thursday, September 6	University Celebration Day (no classes)
Tuesday, September 11	Common Distributions (§0.1, §0.2, §0.3)
Thursday, September 13	Confidence Intervals for the Median (§1.1)
Tuesday, September 18	Inference for Percentiles (§1.2); Comparison of Tests (§1.3)
Thursday, September 20	Two-Sample Permutation Tests (§2.1, §2.2)
Tuesday, September 25	Wilcoxon Rank-Sum Test (§2.3, §2.4, §2.5)
Thursday, September 27	Mann-Whitney Test (§2.6)
Tuesday, October 2	Scoring Systems (§2.7); Other Two-Sample Tests (§2.8)
Thursday, October 4	The t -test; Selecting Among Two-Sample Tests (§2.9)
Tuesday, October 9	MIDTERM
Thursday, October 11	TBA
Tuesday, October 16	Large Sample Approximations (§2.10)
Thursday, October 18	K -Sample Permutation Tests (§3.1)
Tuesday, October 23	Kruskal-Wallis Test (§3.2); Multiple Comparisons (§3.3)
Thursday, October 25	Paired-Comparison Permutation Test (§4.1)
Tuesday, October 30	Signed-Rank Test (§4.2); Other Paired-Comparison Tests (§4.3)
Thursday, November 1	Randomized Complete Block Design (§4.4, §4.5, §4.6)
Tuesday, November 6	Permutation Test for Correlation (§5.1)
Thursday, November 8	Spearman Rank Correlation (§5.2); Kendall's Tau (§5.3)
Tuesday, November 13	Permutation Tests for Contingency Tables (§5.4)
Thursday, November 15	Introduction to Bootstrap Methods (§8.1); Location-Scale Bootstrap Intervals (§8.2)
Tuesday, November 20	Bootstrap Methods for Regression (§8.4)
Thursday, November 22	Two Sample Inference (§8.5)
Tuesday, November 27	Aligned Rank Tests for ANOVA Models (§9.1, §9.2)
Thursday, November 29	Density Estimation and Nonparametric Curve Smoothing (§10.1, §10.2, §10.3)
Tuesday, December 4	Course Evaluations and Final Exam Review