

Frank Austin's

STATISTICS LECTURES*

FALL 2015 – EVERY WEDNESDAY (ALMOST)

in the Learning Center (Building 9, 2nd Floor, Room 9-251C)

All Sessions go from 1:00 pm to 2:30 pm

Date	Chapter	Topics
Aug 19	2-2, 2-3	Calculator Basics, Frequency Distributions, Histograms
Aug 26	3	Measures of (1) Center, (2) Variation, and (3) Relative Standing, including boxplots
Sept 2	4-2 through 4-5	Multiplication Rule, Addition Rule, Conditional Probability
Sept 9	5	Random Variables, Binomial Distributions and Probability
Sept 16	6-2 through 6-5	Normal Probability (“Bell Curve”)
Sept 23	7-1, 7-2	Introduction to Confidence Intervals; Confidence Interval for a Proportion
Sept 30	No lecture	
Oct 7	No lecture	
Oct 14	7-3, 7-4	Confidence Interval for a Mean, Sigma Known and Sigma Unknown
Oct 21	8-2, 8-3	Introduction to Hypothesis Tests; Hypothesis Test for a Proportion
Oct 28	8-4, 8-5	Hypothesis Test for a Mean, Sigma Known and Sigma Unknown
Nov 4	9-2 through 9-4	Inferences from TWO Samples (Part I)
Nov 11	9-2 through 9-4	Inferences from TWO Samples (Part II)
Nov 18	10-2 through 10-4	Correlation and Regression (Part I)
Nov 25	School closed	
Dec 2	10-2 through 10-4	Correlation and Regression (Part II)
Dec 9	11-2 through 11-4	Chi-Square and ANOVA (Part I)
Dec 16	11-2 through 11-4	Chi-Square and ANOVA (Part II)

* IMPORTANT! If you plan to attend these lectures, please go to <http://canadacollege.edu/learningcenter/statistics.php>, and (1) print out the Math 200 Outline, and (2) watch the Youtube videos listed at the bottom.