Syllabus Statistics 101
Spring 2017

Text: Stine and Foster. Statistics for Business: Decision Making and Analysis 2nd Edition
Computer software: JMP-IN – Statistical Discovery Software, Thomson.

Week	Topics	Reading Material
January 12	Introduction and Beginning of Descriptive Statistics	Chapters 1 and 2
January 16	Describing One Variable (Outliers)	Chapter 3 and 4
January 23	Relationships Between Two Discrete Variables Simpson's Paradox	Chapter 5
January 30	Relationships Between Two Continuous Variables	Chapter 6, 19
February 2	Probability	Chapter 7 and 8
February 9	Probability and Discrete Random Variables	Chapter 8 and 9
February 16	Finish Discrete Random Variables Discrete Families Random Variables	Chapter 11
February 23	Covariance Correlation (Portfolio)	Chapter 10
March 9	The Normal Probability Model and Sampling	Chapter 12, 13
March 16	Central Limit Theorem	Chapter 14
March 23	Confidence Intervals	Chapter 15
March 30	One Sample Hypothesis Tests	Chapter 16
April 6	One Sample Hypothesis Test Continued	
April 16	Two Sample Hypothesis Tests	Chapter 17
April 23	Inference for Counts	Chapter 18

Examinations: First Midterm, Wednesday, February 15th, 6:00-8:00PM
Second Midterm, Thursday, March 30th, 6:00-8:00PM
Final Examination, Tuesday, May 2nd, 6:00-8:00PM
Homeworks: Homeworks will be handed out in class.