

Unit 1 – Exploring One-Variable Data

15 – 23% Exam Weight

*Note: Schedule is subject to change, please check moodle for most updated information.

Day	Lesson and Objectives	Assignment
9/2	<p>Notes 1 – Representing Categorical Variables with Graphs</p> <ul style="list-style-type: none"> • VAR-1.A Identify questions to be answered, based on variation in one-variable data. • VAR-1.B Identify variables in a set of data. • VAR-1.C Classify types of variables. • UNC-1.A Represent categorical data using frequency or relative frequency tables. • UNC-1.B Describe categorical data represented in frequency or relative tables. • UNC-1.C Represent categorical data graphically. • UNC-1.D Describe categorical data represented graphically. • UNC-1.E Compare multiple sets of categorical data. • UNC-1.F Classify types of quantitative variables. 	HW 1
9/3	<p>Notes 2 – Representing Quantitative Variables with Graphs</p> <ul style="list-style-type: none"> • UNC-1.G Represent quantitative data graphically. 	
9/4	Finish Notes 2	HW 2
9/5	<p>Notes 3 – Describing and Summarizing Quantitative Variables</p> <ul style="list-style-type: none"> • UNC-1.H Describe the characteristics of quantitative data distributions. • UNC-1.I Calculate measures of center and position for quantitative data. • UNC-1.J Calculate measures of variability for quantitative data. • UNC-1.K Explain the selection of a particular measure of center and/or variability for describing a set of quantitative data. • UNC-1.L Represent summary statistics for quantitative data graphically. • UNC-1.M Describe summary statistics of quantitative data represented graphically. 	
9/8	<ul style="list-style-type: none"> • Finish Notes 3 • Go over Lists, Graphs, and Summary Statistics in the TI-84 Calculator Commands Summary Sheet 	HW 3
9/9	Activity: Greedy Train Game	Finish Activity

9/10	Start Unit 1 Project: Misleading Graphs	Unit 1 Project Due on Unit 1 Test Day (9/24)
9/11	Notes 4 – Comparing Distributions <ul style="list-style-type: none"> • UNC-1.N Compare graphical representations for multiple sets of quantitative data. • UNC-1.O Compare summary statistics for multiple sets of quantitative data. 	HW 4
9/12	Finish Notes 4	HW 4
9/15	Unit 1 Quiz	
9/16	Notes 5 – The Empirical Rule and Z-Scores <ul style="list-style-type: none"> • VAR-2.A Compare a data distribution to the normal distribution model. • VAR-2.C Compare measures of relative position in data sets. 	HW 5
9/17	Notes 6 – The Standard Normal Curve <ul style="list-style-type: none"> • VAR-2.B Determine proportions and percentiles from a normal distribution. 	HW 6
9/18	Unit 1 Circuits	2 Circuit Worksheets
9/19	Unit 1 Class Summary and Review Assignment	Unit 1 Test Review
9/22	Unit 1 Class Summary and Review Assignment	Unit 1 Test Review
9/23	Unit 1 Test	