Unit 1 Checklist

Print out this checklist to help keep track of your progress.

Lesson No.	Activity name	Approximate Time	Points possible	Date Completed
	Participate in Discussions – These may be the calculator help, review chat (Wimba), or other posted discussions		Not graded	
1.1	Assignment 1.1 - Introduction	**10 minutes**	4 points	
1.2	Assignment 1.2a – Pie Charts	**30 minutes**	4 points	
1.2	Assignment 1.2b – Bar Charts	**30 minutes**	4 points	
1.3	Assignment 1.3 –Stem Plots	**30 minutes**	4 points	
1.4	Assignment 1.4 – Histograms	**30 minutes**	4 points	
1.5	Assignment 1.5 – Cumulative Freq. Histograms	**30 minutes**	4 points	
1.5	Quiz 1a	**40 minutes**	20 points	
1.6	Assignment 1.6 – Mean & Median	**30 minutes**	4 points	
1.7	Assignment 1.7 – Spread	**30 minutes**	4 points	
1.8	Assignment 1.8 – Boxplots	**30 minutes**	4 points	
1.9	Assignment 1.9 – Review	**30 minutes**	4 points	
1.9	Quiz 1b	**40 minutes**	20 points	
1.10	Assignment 1.10 – Density Curves	**30 minutes**	4 points	
1.11	Assignment 1.11 – Normal Curve	**30 minutes**	4 points	
1.12	Assignment 1.12 – Z-scores	**30 minutes**	4 points	
1.13	Assignment 1.13 – Calculations	**30 minutes**	4 points	
1.14	Assignment 1.14 – Normality	**30 minutes**	4 points	
1.14	Quiz 1c	**40 minutes**	20 points	
1.15	Test Unit 1	**90 minutes**	100 points	

Rubric for assignments and free response quiz and test questions

Score Descriptor	Statistical Knowledge	Communication
	Identification of the important components of the problem. Demonstration of the statistical concepts and techniques that result in a correct solution of the problem.	*Explanation of what was done and why, along with a statement of conclusions drawn.*
4 Complete	• Shows complete understanding of the problem's statistical components • Synthesizes a correct relationship among these components, perhaps with novelty and creativity • Uses appropriate and correctly executed statistical techniques • May have minor arithmetic errors, but answers are still reasonable	• Provides a clear, organized, and complete explanation, using correct terminology, of what was done and why • States appropriate assumptions and caveats • Uses diagrams or plots when appropriate to aid in describing the solution • States an appropriate and complete conclusion
3 Substantial	• Shows substantial understanding of the problem's statistical components • Synthesizes a relationship among these components, perhaps with minor gaps • Uses appropriate statistical techniques • May have arithmetic errors, but answers are still reasonable	• Provides a clear, but not perfectly organized explanation, and complete explanation, using correct terminology, of what was done and why, but explanation may be slightly incomplete • May miss necessary assumptions or caveats • Uses diagrams or plots when appropriate to aid in describing the solution • States a conclusion that follows from the analysis but may be somewhat incomplete

2 Developing	• Shows some understanding of the problem's statistical components • Shows little in the way of a relationship among these components • Uses some appropriate statistical techniques, but misses or misuses others • May have arithmetic errors that result in unreasonable answers	• Provides some explanation of what was done, but explanation may be vague and difficult to interpret and terminology may be somewhat inappropriate • Uses diagrams in an incomplete or ineffective way, or diagrams may be missing • States a conclusion that is incomplete
1 Minimal	• Shows limited understanding of the problem's statistical components by failing to identify important components • Shows little ability to organize a solution and may use irrelevant information • Misuses or fails to use appropriate statistical techniques • Has arithmetic errors that result in unreasonable answers	• Provides minimal or unclear explanation of what was done or why it was done, and explanation may not match the presented solution • Fails to use diagrams or plots, or uses them incorrectly • States an incorrect conclusion or fails to state a conclusion
0	• Shows little to no understanding of statistical components	• Provides no explanation of a legitimate strategy

Please notice that statistical knowledge and the communication of such thinking are equally weighted in all of your assignments as well as in all open-ended, free response questions.