

**Math 200 Online**  
**Unit 1 Assignment Checklist**  
**Summer 2014**

- The written homework is found on the Course Documents page on WebAssign
- All written homework is due on the exam day before the exam starts
- See the Sample Written Homework document before starting on the written homework
- Extra Credit: 2% bonus for completing each online assignment (score of 100%) 24 hours early (Intro to WA not included for extra credit)

Forum Assignments		
WebAssign	Forum Post #1	6/20
WebAssign	Forum Post #2	6/30

Chapter 1  
Sampling and Data

Important Topics		
Population	Variables	
Sample	Types of data	
Statistic	Sampling methods	
Parameter	Variation	
Random sample	Frequency Tables	
Assignments		
Location		Due
WebAssign	Intro to WebAssign	6/18
WebAssign	Chapter 1	6/18

Chapter 2  
Descriptive Statistics

Important Topics		
Graphs	Measures of Center	
Boxplots	Standard Deviation	
Percentiles	z-score	
Outliers	Weighted Mean	
Assignments		
Location		Due
WebAssign	Chapter 2 (part 1)	6/20
WebAssign	Chapter 2 (part 2)	6/20

Chapter 3  
Probability

Important Topics		
Complement	Independence	
Mutually Exclusive	Conditional Probability	
Addition Rule	Tree Diagram	
Multiplication Rule	Contingency Tables	
Assignments		
Location		Due
WebAssign	Chapter 3 (part 1)	6/23
WebAssign	Chapter 3 (part 2)	6/23

Chapter 4  
Discrete Random Variables

Important Topics		
Random Variable	Expected Value	
Probability Distribution	Binomial Distribution	
Mean, St Dev	Unusual events and values	
Assignments		
Location		Due
WebAssign	Chapter 4 (part 1)	6/25
WebAssign	Chapter 4 (part 2)	6/25

Chapter 5  
Continuous Random Variables

Important Topics		
Probability Density Function	Continuous Probability Functions	
Cumulative Distribution Function	Uniform Distribution	
Assignments		
Location		Due
WebAssign	Chapter 5	6/27

Chapter 6  
The Normal Distribution

Important Topics		
z-scores	Probabilities	
	Percentiles	
Assignments		
Location		Due
WebAssign	Chapter 6 (part 1)	6/30
WebAssign	Chapter 6 (part 2)	6/30

Chapter 7  
The Central Limit Theorem

Important Topics		
CLT for means	Standard Error of the mean	
Assignments		
Location		Due
WebAssign	Chapter 7 (part 1)	7/2
WebAssign	Chapter 7 (part 2)	7/5

Chapter 8  
Confidence Intervals

Important Topics		
CI for Means, Proportions	Error Bounds	
Sample Size		
Assignments		
Location		Due
WebAssign	Chapter 8 (part 1)	7/7
WebAssign	Chapter 8 (part 2)	7/9