

**Math 200 Online**  
**Unit 1 Assignment Checklist**  
**Summer 2017**

- The written homework is in the chapter folder on MyOpenMath and due on the exam day
- See the Sample Written Homework document before starting on the written homework
- Extra Credit: 2% bonus for completing each online assignment 24 hours early (score of 100%)

| <b>Chapter 1 Sampling and Data</b> |                  |
|------------------------------------|------------------|
| Population                         | Variables        |
| Sample                             | Types of data    |
| Statistic                          | Sampling methods |
| Parameter                          | Variation        |
| Random sample                      | Frequency Tables |
| <b>Assignments</b>                 |                  |
| <b>Online Work</b>                 | <b>Due</b>       |
| Chapter 1                          | 6/14             |
| <b>Written work</b>                | Exam day         |

| <b>Chapter 2 Descriptive Statistics</b> |                    |
|---|--------------------|
| Graphs                                  | Measures of Center |
| Boxplots                                | Standard Deviation |
| Percentiles                             | z-score            |
| Outliers                                | Weighted Mean      |
| <b>Assignments</b>                      |                    |
| <b>Online Work</b>                      | <b>Due</b>         |
| Chapter 2 (part 1)                      | 6/16               |
| Chapter 2 (part 2)                      | 6/16               |
| <b>Written work</b>                     | Exam day           |

| <b>Chapter 3 Probability</b> |                         |
|------------------------------|-------------------------|
| Complement                   | Independence            |
| Mutually Exclusive           | Conditional Probability |
| Addition Rule                | Tree Diagram            |
| Multiplication Rule          | Contingency Tables      |
| <b>Assignments</b>           |                         |
| <b>Online Work</b>           | <b>Due</b>              |
| Chapter 3 (part 1)           | 6/19                    |
| Chapter 3 (part 2)           | 6/19                    |
| <b>Written work</b>          | Exam day                |

| <b>Chapter 4 Discrete Random Variables</b> |                           |
|--|---------------------------|
| Random Variable                            | Expected Value            |
| Probability Distribution                   | Binomial Distribution     |
| Mean, St Dev                               | Unusual events and values |
| <b>Assignments</b>                         |                           |
| <b>Online Work</b>                         | <b>Due</b>                |
| Chapter 4 (part 1)                         | 6/21                      |
| Chapter 4 (part 2)                         | 6/21                      |
| <b>Written work</b>                        | Exam day                  |

| <b>Chapter 5 Continuous Random Variables</b> |            |
|--|------------|
| Continuous Probability Functions             |            |
| Uniform Distribution                         |            |
| <b>Assignments</b>                           |            |
| <b>Online Work</b>                           | <b>Due</b> |
| Chapter 5                                    | 6/23       |
| <b>Written work</b>                          | Exam day   |

| <b>Chapter 6 The Normal Distribution</b>    |            |
|---|------------|
| Probabilities using the Normal Distribution |            |
| Applications using the Normal Distribution  |            |
| <b>Assignments</b>                          |            |
| <b>Online Work</b>                          | <b>Due</b> |
| Chapter 6                                   | 6/26       |
| <b>Written work</b>                         | Exam day   |

| <b>Chapter 7 The Central Limit Theorem</b> |            |
|--|------------|
| CLT for means                              |            |
| Standard Error of the Mean                 |            |
| <b>Assignments</b>                         |            |
| <b>Online Work</b>                         | <b>Due</b> |
| Chapter 7 (part 1)                         | 6/28       |
| Chapter 7 (part 2)                         | 6/30       |
| <b>Written work</b>                        | Exam day   |

| <b>Chapter 8 Confidence Intervals</b> |            |
|---------------------------------------|------------|
| CI for means and proportions          |            |
| Sample size                           |            |
| <b>Assignments</b>                    |            |
| <b>Online Work</b>                    | <b>Due</b> |
| Chapter 8 (part 1)                    | 7/3        |
| Chapter 8 (part 2)                    | 7/5        |
| <b>Written work</b>                   | Exam day   |

| <b>Other Assignments</b> |            |
|--------------------------|------------|
| <b>Online Work</b>       | <b>Due</b> |
| Forum Post #1            | 6/16       |
| Forum Post #2            | 6/26       |
| Exam 1                   | 7/6        |