**STAT 152 · Spring 2019 at a Glance**

This is a suggested outline only. The instructor may change the topics or schedule as needed.

<table>
<thead>
<tr>
<th>Week/Dates</th>
<th>Topics</th>
<th>Readings</th>
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| Week 1: January 28–February 3 | 2-1: Frequency Distributions for Organizing and Summarizing data  
2-2: Histograms  
2-3: Graphs that Enlighten and Graphs that Deceive | Chapters 1 and 2        | MyStatLab Homework  
MyStatLab Quizzes                          |
| Week 2: February 4–10 | 3-1: Measures of Center  
3-2: Measures of Variation  
3-3: Measures of Relative Standing and Boxplots | Chapter 3               | MyStatLab Homework  
MyStatLab Quizzes                          |
| Week 3: February 11–17 | 4-1: Basic Concepts of Probability  
4-2: Addition Rule and Multiplication Rule  
4-3: Complements, Conditional Probability and Bayes Theorem | Chapter 4               | Discussion 1  
MyStatLab Homework  
MyStatLab Quizzes                          |
| Week 4: February 19–22 | **Proctored Progress Test 1**                                        |                        |                                          |
| Week 5: February 25–March 3 | 5-1: Probability Distributions  
5-2: Binomial Probability Distributions | Chapter 5               | MyStatLab Homework  
MyStatLab Quizzes                          |
| Week 6: March 4–10    | 6-1: The Standard Normal Distribution  
6-2: Real Applications of Normal Distributions  
6-3: Sampling Distributions and Estimators  
6-4: The Central Limit Theorem (CLT)  
6-5: Assessing Normality  
6-6: Normal as Approximation to Binomial | Chapter 6 (except section 6-7) | MyStatLab Homework  
MyStatLab Quizzes                          |
| Week 7: March 11–17   | 7-1: Estimating a Population Proportion  
7-2: Estimating a Population Mean  
7-3: Estimating a Population Standard Deviation or Variance | Chapter 7               | Discussion 2  
MyStatLab Homework  
MyStatLab Quizzes                          |
|                        | **Spring Break: March 18–24**                                        |                        |                                          |
| Week 8: March 25–29   | **Proctored Progress Test 2**                                        |                        |                                          |
| Week 9: April 1–7     | 8-1: Basics of Hypothesis Testing  
8-2: Testing a Claim about Proportion  
8-3: Testing a Claim about a Mean  
9-1: Two Proportions  
9-2: Two Means: Independent Samples  
9-3: Two Dependent Samples (Matched Pairs) | Chapters 8 and 9        | MyStatLab Homework  
MyStatLab Quizzes                          |
| Week 10: April 8–14   | 10-1: Correlation  
10-2: Regression | Chapter 10               | Discussion 3  
MyStatLab Homework  
MyStatLab Quizzes                          |
| Week 11: April 15–19  | **Proctored Final Exam**                                              |                        |                                          |