ECON1003: Statistical Methods in Economics
Syllabus 2016

1. Introduction and Describing data.
   Lecture 1: October 3
   NCT5&6 chapters 2-3, NCT7&8 chapters 1-2

2. Probability, conditional probability, independence, Bayes's rule
   Lectures 2 and 3: October 10 & 17
   NCT 5&6 chapter 4. NCT 7&8 chapter 3

3. Discrete Random Variables
   Lecture 4: October 24
   NCT5&6 chapter 5, NCT7&8 chapter 4

4. Continuous Random Variables
   Lecture 5: October 31
   NCT5&6 chapter 6, NCT7&8 chapter 5

5. Sampling and Sampling Distributions
   Lecture 6: November 16
   NCT5&6 chapter 7, NCT7&8 chapter 6

6. Point and Interval Estimation
   Lecture 7: November 21
   NCT5 chapter 8, NCT6 chapter 8-9, NCT7&8 chapter 7-8

7. Hypothesis Testing
   Lecture 8: November 28
   NCT5 chapter 9, NCT6 chapter 10-11, NCT7&8 chapter 9-10

8. Simple Linear Regression
   Lecture 10: December 12
   NCT5 chapter 10; NCT6 chapter 12; NCT7&8 chapter 11

Note that lecture-topic pairings are approximate. Modifications may be made over the course of the term, as necessary. The final lecture will additionally include time to review key concepts.

The current version of the textbook is the 8th Edition.
For ease of reference:
NCT X refers to the course text Newbold, Carlson, and Thorne Edition X.
NCT X&Y refers to Newbold, Carlson, and Thorne Editions X&Y.