

Text book: *Introduction to the Practice of Statistics*, Moore and McCabe, sixth edition.

Each chapter will take approximately 1 week. There will be time to discuss homework on Wednesdays.

**Chapter 1, Distributions**

- 1.1: 17, 20, 21, 25, 28
- 1.2: 56, 60, 62, 65, 68, 71
- 1.3: 108, 112, 114, 117, 125, 135, 137, 146

**Chapter 3, Producing Data**

- 3.1: 17, 18, 23, 26, 30(a), 47
- 3.2: 53, 55, 61, 66, 70
- 3.3: 83, 83, 86, 95
- 3.4: 102, 103, 106, 110

**Chapter 4, Probability**

- 4.1: 4, 5, 6
- 4.2: 19, 21, 23, 26, 32, 37
- 4.3: 49, 50, 51, 55, 63, 64
- 4.4: 72, 76, 77, 78, 82, 83, 84

**Test 1, February 22nd**

Covers chapters 1, 3, 4

**Chapter 5, Sampling Distributions**

- 5.1: 9, 10, 11, 16, 22, 23, 28, 33
- 5.2: 42, 44, 46, 48, 55, 60

**Chapter 6, Introduction to Inference**

- 6.1: 10, 11, 12, 13, 17, 20, 23, 29, 34
- 6.2: 50, 51, 52, 53, 54, 57, 58, 62, 63
- 6.3: 86, 87, 89, 95
- 6.4: 106, 107, 113, 115

**Chapter 7, Inference for Means**

- 7.1: 15, 16, 18, 21, 22, 23, 33
- 7.2: 61, 62, 64, 65, 67, 68

**Chapter 8, Inference for Proportions**

- 8.1: 7, 9, 12, 14, 19, 23, 27
- 8.2: 40, 41, 42, 45, 48

**Test 2 April 4**

Covers chapters 5, 6, 7, 8

**Chapter 9, Inference for Two-Way Tables**

- Ch. 2: 111
- Ch. 9: 7, 8, 10, 13, 21, 40, 41

**Chapter 2, Relationships**

2.1: 6, 12, 13, 16, 23

2.2: 29, 31, 35, 37, 41

2.3: 57, 58, 63, 65, 75, 78

2.4: 86, 91, 92, 103

**Chapter 10, Inference for Linear Regression**

Ch. 10 exercises: 6, 7, 8, 20, 25, 33, 42

**Test 3 May 2**

Covers chapters 9, 2, 10

**Chapter 12, One-Way ANOVA**

Ch. 12 exercises: 9, 10, 11, 16, 17, 21, 26

**Final Exam** *Likely date* is Monday May 21th. The date will be announced when the college finalizes the schedule.