

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

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

Chapter 1, Distributions 1.1: 17, 20, 22

1.2: 41, 47, 49, 62, 66, 67, 68

1.3: 79, 82, 83, 86, 89, 93, 96, 102, 119, 120

Chapter 3, Producing Data 3.1: 1, 4, 6

3.2: 9, 11, 12, 16, 18, 23, 31

3.3: 37, 39, 51, 55

3.4: 66, 69

Chapter 4, Probability 4.1: 2, 4 4.2: 15, 22, 25, 32

4.3: 41, 44, 48, 49, 56

4.4: 60, 65, 67, 71, 76

Chapter 5, Sampling Distributions 5.1: 1, 2, 4, 9, 13, 17, 24, 26

5.2: 30, 33, 34, 52

Test 1 March 5th Covers chapters 1, 3, 4, and 5

Chapter 6, Intro to Inference 6.1: 1, 2, 9, 12, 13, 16, 22, 31

6.2: 32, 34, 37, 40, 47, 52, 61, 63

6.3: 72, 74, 76, 82

6.4: 91, 93, 97

Chapter 7, Inference for Means 7.1: 6, 10, 12, 20, 23, 27, 34, 37

7.2: 53, 55, 59, 68, 72, 80

Chapter 8, Inference for Proportions 8.1: 2, 3, 4, 8, 11, 22, 26

8.2: 33, 34, 37, 41, 47, 49

Chapter 9, Inference for Two-Way Tables Ch. 9 exercises: 1, 2, 3, 13, 15, 19, 25, 30, 31, 43

Test 2 April 16th Covers chapters 6, 7, 8, 9

Chapter 2, Relationships 2.1: 5, 8

2.2: 29, 33, 38

2.3: 42, 44, 49, 55, 57

2.4: 63, 71, 81

Chapter 10, Inference for Linear Regression Ch. 10 exercises: 1, 2, 3, 4, 18, 23, 26, 29, 30, 31, 44

Chapter 12, One-Way ANOVA Ch. 12 exercises: 1, 2, 4, 7, 13, 16, 19, 30, 39, 40

Chapter 14 (CDROM) Permutation Tests Assignment to be distributed in class.

Final Exam *Likely date* is Monday May 19th but it may be Wednesday May 21st or some other day. Comprehensive, but mostly chapters 2, 10, 12, and 14