

TimeLine and Book Section Coverage Guide
STA 2023 – Statistical Methods – Summer 2017 (FULL TERM)

Date	Book Sections
Week 1	Introductions & Syllabus 1.1 – Overview of Statistics & Vocabulary 1.2 - Types of data 1.3 Experimental Design, Bias & Ethics
Week 2	2.1 Frequency Distributions 2.2 Graphs/Charts/Displays 2.3 Measures of Central Tendency 2.4 Variation
Week 3	2.5 Position: Percentiles, Quartiles, Z-Scores *** Test Ch1 & 2***
Week 4	Memorial Day (Monday – Holiday) 4.1 Probability Distributions (Discrete) 4.2 Binomial Distributions (Discrete)
Week 5	5.1 Normal Distribution 5.2 Find Probability w/Normal Distribution 5.3 Find data value given a probability 5.4 Central Limit Theorem
Week 6	6.1 Confidence Intervals (Large Samples) 6.2 Confidence Intervals (Small Samples) 6.3 Confidence Intervals (Proportion)
Week 7	Review Ch 4, 5, 6 *** Test Ch4, 5, & 6 ***
Week 8	7.1 Intro to Hypothesis Testing (1 Sample) 7.2 Hypothesis Testing (1 Sample-Large) 7.3 Hypothesis Testing (1 Sample-Small) 7.4 Hypothesis Testing (1 Sample-Proportion)
Week 9	Independence Day (Tuesday–Holiday) 8.1 Hypothesis Testing (2 Sample-Large) 8.2 Hypothesis Testing (2 Sample-Small)
Week 10	8.3 Hypothesis Testing (2 Dependent Samples) 8.4 Hypothesis Testing (2 Sample-proportion) *** Test Ch 7 & 8 ***
Week 11	9.1 Correlation 9.2 Linear Regression 9.3 Measures of Regression & Predicaiton Intervals 10.1 Goodness of Fit/Chi Square
Week 12	*** Test Ch9/10 *** Review for Final Exam
Week 13	Final Exam

May 30 (Monday of Week 4) Memorial Day – No Class
 July 4 (Tuesday of Week 9) U.S. Independence day – No Class

** Withdraw Deadline (Full-Term) July 07, 2016

STA 2023 – Statistical Methods – Summer 2017 (A-Term)

Date	Book Sections
Week 1	Introductions & Syllabus 1.1 – Overview of Statistics & Vocabulary 1.2 - Types of data 1.3 Experimental Design, Bias & Ethics 2.1 Frequency Distributions 2.2 Graphs/Charts/Displays
Week 2	2.3 Measures of Central Tendency 2.4 Variation 2.5 Position: Percentiles, Quartiles, Z-Scores *** Test Ch1 & 2***
Week 3	4.1 Probability Distributions (Discrete) 4.2 Binomial Distributions (Discrete) 5.1 Normal Distribution 5.2 Find Probability w/Normal Distribution 5.3 Find data value given a probability 5.4 Central Limit Theorem
Week 4	Memorial Day (Monday – Holiday) *** Test Ch 4 & 5 *** 6.1 Confidence Intervals (Large Samples) 6.2 Confidence Intervals (Small Samples) 6.3 Confidence Intervals (Proportion) 7.1 Intro to Hypothesis Testing (1 Sample) 7.2 Hypothesis Testing (1 Sample-Large)
Week 5	7.3 Hypothesis Testing (1 Sample-Small) 7.4 Hypothesis Testing (1 Sample-Proportion) 8.1 Hypothesis Testing (2 Sample-Large) 8.2 Hypothesis Testing (2 Sample-Small) 8.3 Hypothesis Testing (2 Dependent Samples) 8.4 Hypothesis Testing (2 Sample-proportion)
Week 6	*** Test Ch 6, 7 & 8 *** 9.1 Correlation 9.2 Linear Regression 9.3 Measures of Regression & Prediction Intervals 10.1 Goodness of Fit/Chi Square *** Test Ch9 & 10 ***
Week 7 (1-day only)	Final Exam

May 30 (Monday of Week 4) Memorial Day – No Class

**** Withdraw Deadline (A-Term) June 9, 2016**

STA 2023 – Statistical Methods – Summer 2017 (B-Term)

Date	Book Sections
Week 1	Introductions & Syllabus 1.1 – Overview of Statistics & Vocabulary 1.2 - Types of data 1.3 Experimental Design, Bias & Ethics 2.1 Frequency Distributions 2.2 Graphs/Charts/Displays
Week 2	2.3 Measures of Central Tendency 2.4 Variation 2.5 Position: Percentiles, Quartiles, Z-Scores *** Test Ch1 & 2*** 4.1 Probability Distributions (Discrete)
Week 3	Independence Day Holiday (Tuesday – No class) 4.2 Binomial Distributions (Discrete) 5.1 Normal Distribution 5.2 Find Probability w/Normal Distribution 5.3 Find data value given a probability 5.4 Central Limit Theorem
Week 4	*** Test Ch 4 & 5 ** 6.1 Confidence Intervals (Large Samples) 6.2 Confidence Intervals (Small Samples) 6.3 Confidence Intervals (Proportion) 7.1 Intro to Hypothesis Testing (1 Sample) 7.2 Hypothesis Testing (1 Sample-Large)
Week 5	7.3 Hypothesis Testing (1 Sample-Small) 7.4 Hypothesis Testing (1 Sample-Proportion) 8.1 Hypothesis Testing (2 Sample-Large) 8.2 Hypothesis Testing (2 Sample-Small) 8.3 Hypothesis Testing (2 Dependent Samples) 8.4 Hypothesis Testing (2 Sample-proportion)
Week 6	*** Test Ch 6, 7 & 8 *** 9.1 Correlation 9.2 Linear Regression 9.3 Measures of Regression & Prediction Intervals 10.1 Goodness of Fit/Chi Square *** Test Ch9 & 10 (or 1st Day Week 7)***
Week 7 (2 days only)	(Day 1) Review or Ch 9/10 Test (Day 2) Final Exam

July 4 (Tuesday of Week 3) – U.S. Independence day – No Class

**** Withdraw Deadline (B-Term) July 21, 2016**