Stat 216 Calendar of Topics and Due Dates – Spring 2023

All assignments, labs, and video quizzes should be completed in Gradescope

Additional due dates:
- The previous day's in-class activity (as instructed by your instructor) is due at the beginning of class each day.

Week	Date	Activity/Lab completed in class	Read prior to class (sections correspond to the online textbook)	Homework Video quizzes (due at **11:59pm**), Labs (due at **8pm**), Assignments (due at **8pm**)
1	Wed 1/18	Week 1 Activity: Intro to Data	--	*Instructor bio (optional)*
	Fri 1/20	Week 1 Lab: Sampling bias	§1.1; §1.2; §1.3; §2.1	Week 1 Lab
2	Sun 1/22			1.2.1and1.2.2 1.2.3to1.2.5 2.1 2.2to2.4
	Mon 1/23	Week 2 Activity A: American Indian Address Part 1	§2.2; §2.3; §2.4; §2.5	1.2.1and1.2.2 1.2.3to1.2.5 2.1 2.2to2.4 Assignment 1
	Wed 1/25	Week 2 Activity B: American Indian Address Part 2		
	Fri 1/27	Week 2 Lab: Study Design		Week 2 Lab
3	Sun 1/29			*Starting_with_R (optional)* 4.1 4.2 4.4 5.2to5.4 5.5to5.6 5.7
	Mon 1/30	Week 3 Activity A: Myopia and Nightlights - Graphing Categorical Variables	Ch 3; Ch 4; Ch 5	Assignment 2
	Wed 2/1	Week 3 Activity B: IMDb Reviews - Graphing Quantitative Variables		
	Fri 2/3	Week 3 Lab: IPEDS		Week 3 Lab
4	Sun 2/5			6.1 6.2 6.3

				Chapter7
	Mon 2/6	Week 4 Activity A: Movie Profits – Linear Regression	Ch 6; Ch 7; Ch 8	Assignment 3
	Wed 2/8	Week 4 Activity B: Movie Profits – Correlation and Coefficient of Determination		
	Fri 2/10	Week 4 Lab: Penguins		Week 4 Lab
5	Sun 2/12			Islands_Introduction
	Mon 2/13	Week 5 Activity: Group Exam 1 Review		Assignment 4
	Wed 2/15	**Group Midterm Exam 1**		
	Fri 2/17	**Midterm Exam 1**		
6	Mon 2/20	**No class – Presidents Day**		
	Tues 2/21			Chapter9 Bootstrapping Chapter10 14.1 14.2
	Wed 2/22	Week 6 Activity A: Helper/Hinderer – Simulation Hypothesis Testing	Ch 9; Ch 10; §14.1; §14.2	
	Fri 2/24	Week 6 Activity B: Helper/Hinderer – Simulation Hypothesis Testing cont.		
7	Sun 2/26			Chapter11 14.3TheoryTests 14.3TheoryIntervals Chapter12
	Mon 2/27	Week 7 Activity A: Helper/Hinderer – Simulation Confidence Intervals	Ch 11; Ch 12; Ch 13; §14.3; §14.4	Assignment 5
	Wed 3/1	Week 7 Activity B: Handedness of Male Boxers - Theory-based Inference		
	Fri 3/3	Week 7 Lab: Errors and Power		Week 7 Lab
8	Sun 3/5	Week 8 Activity A: Good Samaritan - Randomization Hypothesis Testing	§15.1; §15.2	15.1 15.2
	Mon 3/6	Week 8 Activity A: Good Samaritan - Randomization Hypothesis Testing	§15.1; §15.2	Assignment 6
	Wed 3/8	Week 8 Activity B: Good Samaritan - Simulation Confidence Intervals		
	Fri 3/10	Week 8 Lab – Poisonous Mushrooms		Week 8 Lab
	3/13 – 3/17	Spring Break – No classes		

9	Sun 3/19			15.3TheoryTests 15.3TheoryIntervals
	Mon 3/20	Week 9 Activity A: Head Injuries by Helmet Use – Theory-based Hypothesis Testing	§15.3; §15.4; Ch 16	Assignment 7
	Wed 3/22	Week 9 Activity B: Head Injuries by Helmet Use – Theory-based Confidence Interval		
	Fri 3/24	Week 9 Lab – Diabetes		Week 9 Lab
10	Mon 3/27	Week 10 Activity: Exam 2 Review		Assignment 8
	Wed 3/29	<mark>**Group Midterm Exam 2**</mark>		
	Fri 3/31	<mark>**Midterm Exam 2**</mark>		
11	Sun 4/2			17.1 17.2 17.3TheoryTests 17.3TheoryIntervals Paired_Data 18.1and18.2 18.3
	Mon 4/3	Week 11 Activity A: Swearing – Simulation Inference	Ch 17; Ch 18	
	Wed 4/5	Week 11 Activity B: Color Interference – Theoretical Inference		
	Fri 4/7	<mark>**No class – University Day**</mark>		
12	Sun 4/9			19.1 19.2 19.3TheoryTests 19.3TheoryIntervals
	Mon 4/10	Week 12 Activity A: Does Behavior Impact Performance? –Simulation Inference	Ch 19; Ch 20	Assignment 9
	Wed 4/12	Week 12 Activity B: Triple Crown – Theoretical Inference		
	Fri 4/14	Week 12 Lab: Dinosaurs		Week 12 Lab
13	Sun 4/16			21.1 21.3 21.4to21.5TheoryTests 21.4to21.5TheoryIntervals

	Mon 4/17	Week 13 Activity A: Crocodylian Sizes – Simulation Inference	Ch 21; Ch 22	Assignment 10
	Wed 4/19	Week 13 Activity B: Golf Driving Distance – Theoretical Inference		
	Fri 4/21	Week 13 Lab: Big Mac Index		Week 13 Lab
14	Sun 4/23			Chapter23 RelativeRisk
	Mon 4/24	Week 14 Activity A: What's the probability	Ch 23	Assignment 11
	Wed 4/26	Week 14 Activity B: Titanic Survivor – Relative Risk		
	Fri 4/28	Week 14 Lab: Efficacy of the COVID Vaccination		Week 14 Lab
15	Mon 5/1	Week 15 Activity: Final exam review		Assignment 12
	Wed 5/3	Group Exam Part 1		
	Fri 5/5	Group Exam Part 2		
16	Tues 5/9	Final Exam – Tuesday 5/9 from 12:00 - 1:50pm		