

Stat 216 Calendar of Topics and Due Dates – Fall 2025

*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	Complete prior to class: readings in the online textbook & Videos & Video notes	Homework: Labs (due at 9pm), Assignments (due at 9pm)
1	Wed 8/20	Syllabus Review		
	Fri 8/22	Activity 1: Intro to Data Analysis and Sampling Methods		
2	Mon 8/25	Activity 2: American Indian Address	§1.1; §1.2; §1.3; §2.1, Ch 23 1.2.1and1.2.2, 2.1, Chapter23 P. 4 – 8, P. 23 - 26	<i>Optional (Module 1 and 2 Video/Reading Quiz)</i> Assignment 1
	Wed 8/27	Activity 3: Probability Studies		
	Fri 8/29	Activity 4: Helper-Hinderer Part 1	Ch 3; Ch 4; Ch 5; Ch 9; Ch 10; §14.1; §14.2 4.1_OneProp, 4.2_OneProp, Chapter9, 14.1, Chapter10, 14.2 P. 38 - 48	<i>Optional (Module 3 Video/Reading Quiz)</i>
3	Mon 9/1	No class – Labor Day		
	Wed 9/3	Activity 5: Helper-Hinderer (continued)		Assignment 2
	Fri 9/5	Activity 6: Helper-Hinderer – Simulation-based Confidence Intervals		
4	Mon 9/8	Activity 7: Handedness of Male Boxers	Ch 11; §14.3; §14.4 Chapter11, 14.3TheoryTests, 14.4TheoryIntervals P. 69 - 75	<i>Optional (Module 4 Video/Reading Quiz)</i> Assignment 3
	Wed 9/10	Activity 8: Confidence intervals and what confidence means		
	Fri 9/11	Module 3 and 4 Lab		Module 3 and 4 Lab

5	Mon 9/15	Exam 1 Review		Assignment 4
	Wed 9/17	Group Midterm Exam 1		
	Fri 9/19	Individual Midterm Exam 1		
6	Mon 9/22	Activity 9: Summarizing Quantitative Variables	§5.2; §5.3; §5.4; §5.5; §5.7; Ch 17 5.2to5.4, 5.5, 5.7, 17.1, 17.2 P. 116 - 127	<i>Optional (Module 6 Video/Reading Quiz)</i>
	Wed 9/24	Activity 10: Inference of a Single Quantitative Variable – Simulation Methods		
	Fri 9/26	Activity 11: Inference of a Single Quantitative Variable – Theoretical Methods	Ch 5; Ch 17; Ch 12 17.3TheoryTests, 17.3TheoryIntervals, Chapter12 P. 146 - 150	<i>Optional (Module 7 Video/Reading Quiz)</i>
7	Mon 9/29	Activity 12: Errors and Power		Assignment 5
	Wed 10/1	Module 6 and 7 Lab: Arsenic		Module 6 and 7 Lab
	Fri 10/3	Activity 13: Study Design	§1.2, §2.2; §2.3; §2.4; §15.1; §15.2; Ch 4; Ch 16 1.2.3to1.2.5, 2.2to2.4, 4.1_TwoProp, 4.2_TwoProp, 4.4, 15.1, 15.2, RelativeRisk P. 172 - 189	<i>Optional (Module 8 Video/Reading Quiz)</i>
8	Mon 10/6	Activity 14: Summarizing Two Categorical Variables		Assignment 6
	Wed 10/8	Activity 15: The Good Samaritan		
	Fri 10/10	Activity 16: Winter Sports Helmet Use and Head Injuries	§15.3; §15.4 15.3TheoryTests, 15.3TheoryIntervals P. 212 - 216	<i>Optional (Module 9 Video/Reading Quiz)</i>
9	Mon 10/13	Module 8 and 9 Lab		Assignment 7 Module 8 and 9 Lab
	Wed 10/15	Special Topics		
	Fri 10/17	Exam 2 Review		
10	Mon 10/20	Group Midterm Exam 2		

	Wed 10/22	Individual Midterm Exam 2		
	Fri 10/24	Activity 17: Does behavior impact performance?	\$5.6; Ch 19; Ch 20 5.6, 19.1, 19.2, 19.3TheoryTests, 19.3TheoryInterval P. 252 - 260	<i>Optional (Module 11 Video/Reading Quiz)</i>
11	Mon 10/27	Activity 18: Moon Phases and Virtual Reality		Assignment 8
	Wed 10/29	Module 11 Lab: Trustworthiness		Module 11 Lab
	Fri 10/31	Activity 19: Moneyball – Linear Regression	Ch 6; Ch 7; Ch 8; Ch 21; Ch 22 6.1, 6.2, 6.3, Ch 7, Ch21_Overview, 21.1, 21.3, 21.4TheoryTests, 21.4TheoryIntervals P. 281 - 288	<i>Optional (Module 12 Video/Reading Quiz)</i>
12	Mon 11/3	Activity 20: IPEDS (continued)		Assignment 9
	Wed 11/5	Activity 21: Prediction of Crocodilian Body Size (only cover theory – no correlation?)		
	Fri 11/7	Module 12 Lab: Big Mac Index		Module 12 Lab
13	Mon 11/10	Activity 22 Paired vs. Independent Samples	Ch 17; Ch 18 PairedData, 18.1and18.2, 18.3 P. 330 - 337	<i>Optional (Module 13 Video/Reading Quiz)</i> Assignment 10
	Wed 11/12	Activity 23: Color Interference		
	Fri 11/14	Module 13 Lab: Swearing		Module 13 Lab
14	Mon 11/17	Special Topics		Assignment 11
	Wed 11/19	Special Topics		
	Fri 11/21	Special Topics		
	11/24 – 11/28	Fall Break – No classes		
15	Mon 12/1	Final exam review		
	Wed 12/3	Group Exam Part 1		
	Fri 12/5	Group Exam Part 2		
16	Mon 12/8 – Thurs 12/11	Final Exam – ?		