

## Stat 216 Calendar of Topics and Due Dates – Spring 2024

*\*All assignments, labs, and lecture 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: <b>readings in the online textbook &amp; Out of Class Activities</b>	Homework: <b>Lecture quizzes (due at 9pm), Labs (due at 9pm), Assignments (due at 9pm)</b>
<b>1</b>	Wed 1/17	Syllabus Review & Intro to Data	--	
	Fri 1/19	Week 1 Lecture Notes: Intro to Data	§1.1; §1.2; §1.3; §2.1	
<b>2</b>	Mon 1/22	Week 2 Lecture Notes: Study Design	§2.2; §2.3; §2.4; §2.5	<i>Assignment 1</i>
	Tues 1/23			<i>Week 2 Lecture Quiz</i>
	Wed 1/24	Week 2 Activity: American Indian Address Part 2	Out of class Activity Week 2	
	Fri 1/26	Week 2 Lab: Study Design		Week 2 Lab
	Mon 1/29	Week 3 Lecture Notes: Categorical and Quantitative EDA	Ch 3; Ch 4; Ch 5	Assignment 2
<b>3</b>	Tues 1/30			<i>Week 3 Lecture Quiz</i>
	Wed 1/31	Week 3 Activity: IMDb Movie Reviews	Out of class Activity Week 3	
	Fri 2/2	Week 3 Lab: IPEDS		Week 3 Lab
	Mon 2/5	Week 4 Lecture Notes: Regression	Ch 6; Ch 7; Ch 8	Assignment 3
<b>4</b>	Tues 2/6			<i>Week 4 Lecture Quiz</i>
	Wed 2/7	Week 4 Activity: Movie Profits – Linear Regression	Out of class Activity Week 4	
	Fri 2/9	Week 4 Lab: Penguins		Week 4 Lab
	Mon 2/12	Week 5 Activity: Exam 1 Review		Assignment 4
	Wed 2/14	<b>Group Midterm Exam 1</b>		
	Fri 2/16	<b>Midterm Exam 1</b>		

<b>6</b>	Mon 2/19	<b>NO CLASS- President Day</b>		
	Wed 2/21	Week 6 Lecture Notes: Hypothesis Testing	Ch 9; Ch 10; §14.1; §14.2	
	Thurs 2/22			<i>Week 6 Lecture Quiz</i>
	Fri 2/23	Week 6 Lab: Helper/Hinderer - Continued	Out of class Activity Week 6	Week 6 Lab
<b>7</b>	Mon 2/26	Week 7 Lecture Notes: Theory-based Testing	Ch 11; Ch 12; Ch 13; §14.3; §14.4	Assignment 5
	Tues 2/27			<i>Week 7 Lecture Quiz</i>
	Wed 2/28	Week 7 Activity: Handedness of Male Boxers – Theory	Out of class Activity Week 7	
	Fri 3/1	Week 7 Lab: Errors and Power		Week 7 Lab
<b>8</b>	Mon 3/4	Week 8 Lecture Notes: Inference for Two Categorical Variables – Simulation Methods	§15.1; §15.2	Assignment 6
	Tues 3/5			<i>Week 8 Lecture Quiz</i>
	Wed 3/6	Week 8 Activity: Good Samaritan – Simulation Methods	Out of class Activity Week 8	
	Fri 3/8	Week 8 Lab – Poisonous Mushrooms		Week 8 Lab
	3/11 – 3/15	<b>Spring Break – No classes</b>		
<b>9</b>	Mon 3/18	Week 9 Lecture Notes: Theoretical Inference for Two Categorical Variables	§15.3; §15.4; Ch 16	Assignment 7
	Tues 3/19			<i>Week 9 Lecture Quiz</i>
	Wed 3/20	Week 9 Activity: Head Injuries by Helmet Use – Theory-based Hypothesis Test	Out of class Activity Week 9	
	Fri 3/22	Week 9 Lab – Diabetes		Week 9 Lab
<b>10</b>	Mon 3/25	Week 10 Lecture Notes: Probability and Relative Risk	Ch 23	Assignment 8
	Tues 3/25			<i>Week 10 Lecture Quiz</i>
	Wed 3/27	Activity 10: Probability	Out of class Activity Week 10	Week 10 Lab
	Fri 3/29	<b>NO CLASS – University Day</b>		
<b>11</b>	Mon 4/1	Week 11 Activity: Exam 2 Review		Assignment 9
	Wed 4/3	<b>Group Midterm Exam 2</b>		
	Fri 4/5	<b>Midterm Exam 2</b>		

<b>12</b>	Mon 4/8	Week 12 Lecture Notes: Paired Inference	Ch 17; Ch 18	
	Tues 4/9			<i>Week 12 Lecture Quiz</i>
	Wed 4/10	Week 12 Activity: – COVID-19 and Air Pollution	Out of class Activity Week 12	
	Fri 4/12	Week 12 Lab: Swearing		Week 12 Lab
<b>13</b>	Mon 4/15	Week 13 Lecture Notes: Inference for Independent Samples	Ch 19; Ch 20	Assignment 10
	Tues 4/16			<i>Week 13 Lecture Quiz</i>
	Wed 4/17	Week 13 Activity: Triple Crown	Out of class Activity Week 13	
	Fri 4/19	Week 13 Lab: Dinosaurs		Week 13 Lab
<b>14</b>	Mon 4/22	Week 14 Lecture Notes: Inference for Two Quantitative Variables	Ch 21; Ch 22	Assignment 11
	Tues 4/23			<i>Week 14 Lecture Quiz</i>
	Wed 4/24	Week 14 Activity: Golf Driving Distance	Out of class Activity Week 14	
	Fri 4/26	Week 14 Lab: Big Mac Index		Week 14 Lab
<b>15</b>	Mon 4/29	Week 15 Activity: Final exam review		Assignment 12
	Wed 5/1	<b>Group Exam Part 1</b>		
	Fri 5/3	<b>Group Exam Part 2</b>		
<b>16</b>	Mon 5/6 – Thurs 5/9	<b>Tuesday, May 7<sup>th</sup>, 6 – 7:50 pm</b>		