

## Online Summer Session I 2024 Stat 216 Calendar

GS = Completed in Gradescope

Week	Completion Date	Activity/Lab	Reading – Recommended due before class	Videos – Due at 8 pm MST	Assignments, Activities, Labs, Project Components - Due at 8 pm MST
1	M 5/13			Course_Tour Instructor bio	
	T 5/14	Module 1 and 2: Intro to Data, Sampling Methods, American Indian Address Parts 1 and 2, Study Design	§1.1; §1.2; §1.3; §2.1; §2.2; §2.3; §2.4; §2.5	Section 1.2.1 and 1.1.2 Section 1.2.3 and 1.2.4 Section 2.1 Section 2.2 to 2.4 GS: Module 1 and 2 Lecture Quiz	<b>Last day to ADD online</b> GS: American Indian Address Parts 1 and 2 GS: Study Design
	W 5/15	Module 3: Myopia and Nightlights, IMDb Movie Reviews, IPEDS	Ch 3; Ch 4; Ch 5	Categorical_EDA Simpson's Paradox Quantitative_EDA Four Characteristics of Quantitative Plots GS: Module 3 Lecture Quiz	
	R 5/16				<b>Last day to ADD with ADD/DROP form;</b> <b>Last day to DROP online</b> GS: Myopia and Nightlights, IMDb Movie Reviews GS: IPEDS GS: Assign. 1 – module 2, 3
	F 5/17				Google Drive: Collaborative Work Space
2	M 5/20	Module 4: Movie Profits – Regression and Correlation, Penguins	Ch 6; Ch 7; Ch 8	Exploring Multivariable Data Correlation Multivariable Plots GS: Module 4 Lecture Quiz	<b>Last day to DROP without a W</b>
	T 5/21				GS: Movie Profits – Regression and Correlation GS: Penguins GS: Assign. 2 – module 4

	W 5/22				
	R 5/23	<b>EXAM 1</b>			
	F 5/24				GS: Project Research Question and Study Design
<b>3</b>	M 5/27	<b>MEMORIAL DAY</b>			
	T 5/28	Module 6: Helper-Hinderer: Simulation Testing, Helper/Hinderer (cont)	Ch 9; Ch 10; §14.1; §14.2	Simulation Tests One Cat Simulation Intervals One Cat Impacts on Confidence Level GS: Module 6 Lecture Quiz	GS: Helper-Hinder Confidence Interval and Hypothesis Test
	W 5/29	Module 7: Helper-Hinderer: Estimation, Handedness of Male Boxers: Theory- based Inference, Errors and Power	Ch 11; Ch 12; Ch 13; §14.3; §14.4	Theoretical Test One Cat Theoretical Intervals One Cat Interpreting Confidence Level Error, power, and practical importance Practical importance GS: Module 7 Lecture Quiz	
	R 5/30				GS: Handedness of Male Boxers Theory- based Inference GS: Errors and Power GS: Assign. 3 – module 6, 7
	F 5/31				GS: Project Data
<b>4</b>	M 6/3	Module 8: Good Samaritan Simulation Testing, Confidence Intervals, Mushrooms	§15.1; §15.2	Simulation Test Two Cat Simulation Intervals Two Cat GS: Module 8 Lecture Quiz	
	T 6/4				GS: Good Samaritan Simulation Testing, Confidence Intervals GS: Mushrooms
	W 6/5	Module 9: Head Injuries by Helmet Use – Theoretical Testing,	§15.3; §15.4; Ch 16	Theoretical Test Two Cat Theoretical Intervals Two Cat GS: Module 9 Lecture Quiz	

		Confidence Intervals, Diabetes			
	R 6/6				GS: Winter Sports Helmet Use and Head Injuries GS: Diabetes GS: Assign. 4 – module 8, 9
	F 6/7				GS: Project Descriptive Statistics
<b>5</b>	M 6/10	<b>EXAM 2</b>			
	T 6/11	Module 12: COVID-19 and Air Pollution, Color Interference, Swearing	Ch 17; Ch 18	Intervals Paired Data Testing Paired Data GS: Module 12 Lecture Quiz	GS: COVID-19 and Air Pollution, Color Interference GS: Swearing
	W 6/12	Module 13: Behavior and Performance, Triple Crown, Dinosaurs	Ch 19; Ch 20	Testing Independent Samples Intervals Independent Samples GS: Module 13 Lecture Quiz	GS: Assign. 5 – module 12
	R 6/13				GS: Behavior and Performance, Triple Crown GS: Dinosaurs GS: Assign. 6 – module 13
	F 6/14				<b>Last day to DROP</b>
<b>6</b>	M 6/17	Module 14: Crocodiles, Golf Driving Distance, Big Mac Index	Ch 21; Ch 22	Testing Two Quant Variables Intervals Two Quant Variables GS: Module 14 Lecture Quiz	
	T 6/18				GS: Crocodiles, Golf Driving Distance GS: Big Mac Index GS: Assign. 7 – module 14
	W 6/19				
	R 6/20	<b>EXAM 3</b>			
	F 6/21				GS: Project Inferential Statistics GS: Group Project Eval