**Summer Session I 2024 Stat 216 Calendar**

GS = Completed in Gradescope

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| **Week** | **In-Class Date** | **Activity/Lab** | **Reading – Recommended due before class** | **Videos/Lecture Quizzes – Due at 10 am MST** | **Assignments, Labs - Due at 8 pm MST (late due date 11:59 pm)** |
| **1** | M 5/13 | Syllabus Review  Module 1:  Intro to Data  Lecture Notes Module 1 |  | Course\_Tour |  |
|  | T 5/14 | Module 2:  American Indian Address Part 1 and Part 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 & 2 Lecture Quiz | **Last day to ADD online**  GS: Study Design |
|  | W 5/15 | -- |  |  |  |
|  | R 5/16 | 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 | **Last day to ADD with ADD/DROP form;**  **Last day to DROP online**  GS: Assign. 1 – module 1, 2  GS: IPEDS |
|  | F 5/17 |  |  |  |  |
| **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 | **Last day to DROP without a W**  GS: Penguins |
|  | T 5/21 | Module 5:  Exam 1 Review | -- | Islands\_Introduction | GS: Assign. 2 – modules 3, 4 |
|  | W 5/22 | -- |  |  |  |
|  | R 5/23 | **MIDTERM EXAM 1** |  |  |  |
|  | F 5/24 |  |  |  |  |
| **3** | M 5/27 | **MEMORIAL DAY** |  |  |  |
|  | 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/Hinderer (cont) |
|  | W 5/29 | -- |  |  |  |
|  | R 5/30 | 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 | GS: Assign. 3 – module 6  GS: Errors and Power |
|  | F 5/31 |  |  |  |  |
| **4** | M 6/3 | Module 8:  Good Samaritan Simulation Testing and Confidence Intervals, Mushrooms | §15.1; §15.2 | Simulation Test Two Cat  Simulation Intervals Two Cat  GS: Module 8 Lecture Quiz | GS: Mushrooms |
|  | T 6/4 | Module 9:  Head Injuries by Helmet Use – Theoretical Testing and Confidence Intervals, Diabetes | §15.3; §15.4; Ch 16 | Theoretical Test Two Cat  Theoretical Intervals Two Cat  GS: Module 9 Lecture Quiz | GS: Assign. 4 – modules 7, 8  GS: Diabetes |
|  | W 6/5 | -- |  |  |  |
|  | R 6/6 | Module 11: Exam 2 Review |  |  | GS: Assign. 5 – module 9 |
|  | F 6/7 |  |  |  |  |
| **5** | M 6/10 | **MIDTERM EXAM 2** |  |  |  |
|  | T 6/11 | Module 12:  Color Interference, COVID-19 and Air Pollution, Swearing | Ch 17; Ch 18 | Intervals Paired Data  Testing Paired Data  GS: Module 12 Lecture Quiz | GS: Swearing |
|  | W 6/12 | -- |  |  |  |
|  | R 6/13 | 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. 6 – module 12  GS: Dinosaurs |
|  | F 6/14 |  |  |  | **Last day to DROP** |
| **6** | 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 | GS: Big Mac Index |
|  | T 6/18 | Module 15: Final Exam Review |  |  | GS: Assign. 7 – module 13, 14 |
|  | W 6/19 | **--** |  |  |  |
|  | R 6/20 | **FINAL EXAM** |  |  |  |