**Summer Session II 2022 Stat 216 Calendar**

GS = Gradescope; D2L = Brightspace Desire to Learn

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| **Week** | **In-Class Date** | **Activity/Lab** | **Reading – Recommended due before class** | **Videos – Due at 11pm MST** | **Assignments, Activities, Labs, Project Components - Due at 11pm MST** |
| **1** | M 6/27 |  |  | * Instructor bio |  |
|  | T 6/28 | Module 2:  American Indian Address Parts 1 and 2, Study Design | §1.1; §1.2; §1.3; §1.4; §1.5; §1.6; §1.8 | * 1.2.1\_1.2.2 * 1.2.3\_1.2.4\_1.2.5 * Starting with R * 1.3 * 1.4to1.6 | **Last day to ADD online**  GS: American Indian Address Parts 1 and 2  GS: Study Design |
|  | W 6/29 | Module 3:  Myopia and Nightlights, IMDb Movie Reviews, IPEDS | §1.7, §2.1, §2.3; §2.4; §2.5; | * 2.1 * MosaicPlots * 2.3 |  |
|  | R 6/30 |  |  |  | **Last day to ADD with ADD/DROP form;**  **Last day to DROP online**  GS: Myopia and Nightlights, IMDb Movie Reviews  GS: IPEDS  GS: Assign. 1 – module 2, 3 |
|  | F 7/1 |  |  |  | Google Drive: Collaborative Work Space |
| **2** | M 7/4 | **INDEPENDENCE DAY HOLIDAY** |  |  |  |
|  | T 7/5 | Module 4:  Movie Profits – Regression and Correlation, Penguins | §3.1; §3.2; §3.3; §3.4; §3.5; §4.1; §4.2; §4.4 | * Chapter3 * Chapter4 | **Last day to DROP without a W** |
|  | W 7/6 |  |  |  | GS: Movie Profits – Regression and Correlation  GS: Penguins  GS: Assign. 2 – module 4 |
|  | R 7/7 |  |  |  |  |
|  | F 7/8 |  |  |  | GS: Project Research Question and Study Design |
| **3** | M 7/11 | **EXAM 1** |  |  |  |
|  | T 7/12 | Module 6:  Helper-Hinderer: Simulation Testing, Helper/Hinderer (cont) | §5.1.1; §5.1.2; §5.1.3; §5.3.1; §5.3.2 | * 5.1 * 5.3SimTest * One-vs-Two-Sided Tests * Helper-Hinderer Experiment * Islands\_Introduction | GS: Handedness of Male Boxers Simulation Testing  GS: Helper/Hinderer (cont) |
|  | W 7/13 | Module 7:  Helper-Hinderer: Estimation, Handedness of Male Boxers: Theory-based Inference, Errors and Power | §5.1.4; §5.2; §5.3.3; §5.3.4; §5.4 | * 5.3SimInterval * Bootstrapping * 5.2 * 5.3TheoryInf * 5.4 |  |
|  | R 7/14 |  |  |  | GS: Handedness of Male Boxers Simulation Confidence Intervals, Theory-based Inference  GS: Errors and Power  GS: Assign. 3 – module 6, 7 |
|  | F 7/15 |  |  |  | GS: Project Data |
| **4** | M 7/18 | Module 8:  Good Samaritan Simulation Testing, Confidence Intervals, Fatal Injuries | §5.5.1; §5.5.2; | * 5.5SimInf |  |
|  | T 7/19 |  |  |  | GS: Good Samaritan Simulation Testing, Confidence Intervals  GS: Fatal Injuries  GS: Assign. 4 – module 8 |
|  | W 7/20 | Module 9:  Head Injuries by Helmet Use – Theoretical Testing, Confidence Intervals, Diabetes | §5.5.3; §5.6; §5.7; §5.8 | * 5.5TheoryInf |  |
|  | R 7/21 |  |  |  | GS: Good Samaritan Simulation Testing, Confidence Intervals  GS: Diabetes  GS: Assign. 5 – module 9 |
|  | F 7/22 |  |  |  | GS: Project Descriptive Statistics |
| **5** | M 7/25 | **EXAM 2** |  |  |  |
|  | T 7/26 | Module 11:  COVID-19 and Air Pollution, Color Interference, Swearing | §6.1; §6.2 | * 6.1 * 6.2 | GS: COVID-19 and Air Pollution, Color Interference  GS: Swearing |
|  | W 7/27 | Module 12:  Weather Patterns and Record Snowfall, Triple Crown | §6.3; §6.4; §6.5; §6.6 | * 6.3 |  |
|  | R 7/28 |  |  |  | GS: Weather Patterns and Snowfall  GS: Triple Crown  GS: Assign. 6 – module 11, 12 |
|  | F 7/29 |  |  |  | **Last day to DROP** |
| **6** | M 8/1 | Module 13: Diving Penguins, Golf Driving Distance, COVID | §7.1; §7.2; §7.3 | * 7.1and7.2 |  |
|  | T 8/2 |  |  |  | GS: Diving Penguins, Golf Driving Distance  GS: COVID Immunization and Infection Rates  GS: Assign. 7 – module 13 |
|  | W 8/3 |  |  |  |  |
|  | R 8/4 | **EXAM 3** |  |  |  |
|  | F 8/5 |  |  |  | GS: Project Inferential Statistics  D2L: Quizzes – Group Project Eval |