**Summer Session I 2021 Stat 216 Calendar**

GS = Gradescope; D2L = Brightspace Desire to Learn; DP = Discussion post

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| **Week** | **In-Class Date** | **Activity** | **Reading – Recommended due before class** | **Videos – Recommended due before class, unavailable after 8am** | **Assignments, Activities, Discussion Posts, Project Components - Due at 8pm MST** |
| **1** | M 5/10 |  |  |  |  |
|  | T 5/11 |  |  | * Course\_Tour * Instructor bio | **Last day to ADD online** |
|  | W 5/12 |  |  |  | D2L: DP - Introduction |
|  | R 5/13 |  |  |  | **Last day to ADD with ADD/DROP form;**  **Last day to DROP online** |
|  | F 5/14 | Study Design, What’s the Probability | §1.1; §1.2; §1.3; §1.4; §1.5; §1.6; §1.8; §1.7; §2.1; §2.2 | * 1.2.1\_1.2.2 * 1.2.3\_1.2.4\_1.2.5 * Starting with R * 1.3 * 1.4to1.6 * 2.1 * 2.2 * Mosaic Plots | Google Drive: Collaborative Work Space  GS: Project Research Question and Study Design  GS: Study Design, What’s the Probability |
| **2** | M 5/17 |  |  |  | **Last day to DROP without a W**  GS: Assign. 1 |
|  | T 5/18 | IMDb Movie Reviews,  Movie Profits | §2.3; §2.4; §2.5; §3.1; §3.2; §3.3; §3.4; §3.5; §4.1; §4.2; §4.4 | * 2.3 * Chapter3 * Chapter4 |  |
|  | W 5/19 |  |  |  | D2L: DP - Chocolate |
|  | R 5/20 |  |  |  | GS: Assign. 2 |
|  | F 5/21 | -- | -- | -- | GS: Project Data  GS: IMDb Movie Profits, Movie Reviews |
| **3** | M 5/24 | **EXAM 1** |  |  |  |
|  | T 5/25 | Handedness of Male Boxers: Testing | §5.1; §5.2; §5.3 | * 5.1 * 5.2 * 5.3 – Testing * OnePropTheory – Testing |  |
|  | W 5/26 |  |  |  | D2L: DP – What’s in this graph? |
|  | R 5/27 |  |  |  | GS: Assign. 3 |
|  | F 5/28 | Handedness of Male Boxers: Estimation |  | * 5.3 – Confidence Intervals * Bootstrapping * OnePropTheory – Confidence Intervals | GS: Project Descriptive Statistics  GS: Handedness of Male Boxers Testing & Estimation |
| **4** | M 5/31 | **Memorial Day** |  |  |  |
|  | T 6/1 | Winter Sports Helmet Use and Head Injuries: Testing | §5.4; §5.5; §5.6; §5.7; §5.8 | * 5.4 - Testing * 5.5 * TwoPropSim – Testing * Errors\_Power | GS: Assign. 4 *(\*moved to Tuesday due to Memorial Day)* |
|  | W 6/2 |  |  |  | D2L: DP - Gerrymandering |
|  | R 6/3 |  |  |  | GS: Assign. 5 |
|  | F 6/4 | Winter Sports Helmet Use and Head Injuries: Estimation | §5.4; §5.5; §5.6; §5.7; §5.8 | * 5.4 – Confidence Intervals * TwoPropSim – Confidence Intervals | GS: Winter Sports Helmet Use and Head Injuries Testing & Estimation |
| **5** | M 6/7 |  |  |  | GS: Assign. 6 |
|  | T 6/8 | COVID-19 and Air Pollution | §6.1; §6.2 | * 6.1 * 6.2 * OneMeanTheory |  |
|  | W 6/9 |  |  |  | D2L: DP - TBD |
|  | R 6/10 |  |  |  | GS: Assign. 7 |
|  | F 6/11 | Weather Patterns and Record Snowfall | §6.3; §6.4; §6.5; §6.6 | * 6.3 * TwoMeanRand | **Last day to DROP**  GS: COVID-19 and Air Pollution, Weather Patterns and Snowfall |
| **6** | M 6/14 |  |  |  | GS: Assign. 8 |
|  | T 6/15 | Moneyball | §7.1; §7.2; §7.3 | * 7.1and7.2 * RegressionSim |  |
|  | W 6/16 |  |  |  | D2L: DP – Review Topics  GS: Assign. 9\*  GS: Moneyball\* *(\*both moved to Wednesday to check understanding prior to Exam 2)* |
|  | R 6/17 | **EXAM 2** |  |  |  |
|  | F 6/18 |  |  |  | GS: Project Inferential Statistics  D2L: Quizzes – Group Project Eval |