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| Date | Day | Discussion Due by 4:00pm | Lecture Topic | Unit | Assignment Due by 11:59pm |
| Jan 11 | Tues |  | Syllabus and R/RStudio | 0 |  |
| Jan 13 | Thur | L1 | Tidyverse (the verbs) |
| Jan 18 | Tues | L2 | Causation: Logic models, DAGS, and Potential Outcomes | 1 | HW 1 |
| Jan 20 | Thur |  |
| Jan 25 | Tues | L3 | Simple Regression |
| Jan 27 | Thur | L4 | Multiple Regression |
| Feb 1 | Tues | L5 | Regression with Categorical Variables |
| Feb 3 | Thur |  | Exam 1 |
| Feb 8 | Tues | L6 | Assumptions of Regression | 2 | HW 2 |
| Feb 10 | Thur | L7 | Diagnostics (Detecting Irregularities) |
| Feb 15 | Tues |  |
| Feb 17 | Thur | L8 | Missing Data and Other Real-World Problems |
| Feb 22 | Tues | L9 | Threats to Validity (including measurement error, multiple tests) |
| Feb 24 | Thur |  | Exam 2 |
| Mar 1 | Tues | L10 | Effect Sizes (including partial dependence plots) |
| Mar 3 | Thur |  | 3 | HW 3 |
| Mar 8 | Tues |  | SPRING BREAK (Absolutely No Class) |
| Mar 10 | Thur |  |
| Mar 15 | Tues | L11 | Linear Interaction |
| Mar 17 | Thur |  |
| Mar 22 | Tues | L12 | Nonlinear Relationships |
| Mar 24 | Thur | L13 | Intro to Generalized Linear Models |
| Mar 29 | Tues |  | Catch Up Day |
| Mar 31 | Thur |  | Exam 3 |
| Apr 5 | Tues | L14 | Logistic Regression | 4 | Final Project |
| Apr 7 | Thur |  |
| Apr 12 | Tues | L15 | Other GLMs |
| Apr 14 | Thur |  |
| Apr 19 | Tues | L16 | Mediation Analysis |
| Apr 21 | Thur | L17 | Miscellaneous (variable selection methods) |
| Apr 26 | Tues |  | Catch Up Day |
| May 3 | Tues |  | Exam 4 |