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| Date | Day | Discussion Due by 4:00pm | Lecture Topic | Unit | Assignment Due by 11:59pm |
| Jan 7 | Tues |  | Syllabus, Textbook, and R/RStudio | 0 |  |
| Jan 9 | Thur | Ch 1 | Statistical Control & Linear Models (and more R) |
| Jan 14 | Tues | Ch 2 | The Simple Regression Model | 1 | HW 1 |
| Jan 16 | Thur | Ch 3 | Partial Relationship & Multiple Regression |
| Jan 21 | Tues | Ch 4 | Statistical Inference in Regression |
| Jan 23 | Thur | Ch 5 | Extending Regression Principles |
| Jan 28 | Tues | Ch 6 | Statistical vs. Experimental Control |
| Jan 30 | Thur |  | Exam 1 |
| Feb 4 | Tues | Ch 7 | Regression for Prediction | 2 | HW 2 |
| Feb 6 | Thur | Ch 8 | Assessing the Importance of Regressors |
| Feb 11 | Tues |  |
| Feb 13 | Thur | Ch 9 & 10 | Multi-categorical Regressors |
| Feb 18 | Tues |  |
| Feb 20 | Thur | Ch 11 | Multiple Tests |
| Feb 25 | Tues |  | Exam 2 |
| Feb 27 | Thur | Ch 12 | Nonlinear Relationships | 3 | HW 3 |
| Mar 4 | Tues |  | SPRING BREAK (Absolutely No Class) |
| Mar 6 | Thur |  |
| Mar 11 | Tues | Ch13 | Linear Interaction |
| Mar 13 | Thur |  |
| Mar 18 | Tues | Ch 14 | Probing Interactions |
| Mar 20 | Thur | Ch 16 | Diagnostics (Detecting Irregularities) |
| Mar 25 | Tues |  | Catch Up Day |
| Mar 27 | Thur |  | Exam 3 |
| Apr 1 | Tues | Ch 17 | Miscellaneous topics | 4 | Final Project |
| Apr 3 | Thur |  |
| Apr 8 | Tues | Ch 18 | Generalized Linear Models |
| Apr 10 | Thur |  |
| Apr 15 | Tues | Ch 15 | Mediation Analysis |
| Apr 17 | Thur |  | Directed Acyclic Graphs & Causality |
| Apr 22 | Tues |  | Catch Up Day |
| April 29 | Tues |  | Exam 4 |