

| Date | Day | Discussion Due by 4:00pm | Lecture Topic | Unit | Assignment Due by 11:59pm |
|----------|------|--------------------------------|--|------|---------------------------------|
| Jan 8 | Tues | | Syllabus, Textbook, and R/RStudio | 0 | |
| Jan 10 | Thur | Ch 1 | Statistical Control & Linear Models (and more R) | | |
| Jan 15 | Tues | Ch 2 | The Simple Regression Model | 1 | HW 1 |
| Jan 17 | Thur | Ch 3 | Partial Relationship & Multiple Regression | | |
| Jan 22 | Tues | Ch 4 | Statistical Inference in Regression | | |
| Jan 24 | Thur | Ch 5 | Extending Regression Principles | | |
| Jan 29 | Tues | Ch 6 | Statistical vs. Experimental Control | | |
| Jan 31 | Thur | | Exam 1 | | |
| Feb 5 | Tues | Ch 7 | Regression for Prediction | 2 | HW 2 |
| Feb 7 | Thur | Ch 8 | Assessing the Importance of Regressors | | |
| Feb 12 | Tues | | | | |
| Feb 14 | Thur | Ch 9 & 10 | Multi-categorical Regressors | | |
| Feb 19 | Tues | | | | |
| Feb 21 | Thur | Ch 11 | Multiple Tests | | |
| Feb 26 | Tues | | Exam 2 | | |
| Feb 28 | Thur | Ch 12 | Nonlinear Relationships | 3 | HW 3 |
| Mar 5 | Tues | Ch 13 | Linear Interaction | | |
| Mar 7 | Thur | | | | |
| Mar 12 | Tues | | SPRING BREAK (Absolutely No Class) | | |
| Mar 14 | Thur | | | | |
| Mar 19 | Tues | Ch 14 | Probing Interactions | | |
| Mar 21 | Thur | Ch 16 | Diagnostics (Detecting Irregularities) | | |
| Mar 26 | Tues | | Catch Up Day | | |
| Mar 28 | Thur | | Exam 3 | | |
| Apr 2 | Tues | Ch 17 | Miscellaneous topics | 4 | Final Project |
| Apr 4 | Thur | | | | |
| Apr 9 | Tues | Ch 18 | Generalized Linear Models | | |
| Apr 11 | Thur | | | | |
| Apr 16 | Tues | Ch 15 | Mediation Analysis | | |
| Apr 18 | Thur | | Directed Acyclic Graphs & Causality | | |
| Apr 23 | Tues | | Catch Up Day | | |
| April 30 | Tues | | Finals Week (No Class) | | |