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