Schedule

A week-by-week breakdown of the material.

Week 1 (09/05-9/09)

Day 1 Basic Terminology[1]

Day 2 Visualizing Variables[2]

Day 3 Percentiles[3]
    Lab 1[4]

Week 2 (09/12-09/16)

Day 1 Measures of Center[5]

Day 2 Measures of Spread[6]

Day 3 Linear Transformations[7]
    Lab 2[8]

Week 3 (09/19-09/23)

Day 1 Density Curves[9]
    The Normal Distribution[10]

Day 2 The Normal Distribution (cont)[11]

Day 3 Lab 3[12]

---

[1]notes/basic_terminology.html
[2]notes/visualizing_distributions.html
[3]notes/percentiles.html
[4]labs/1.html
[5]notes/measures_center.html
[6]notes/measures_spread.html
[7]notes/linear_transformations.html
[8]labs/2.html
[9]notes/density_curves.html
[10]notes/normal_distribution.html
[11]notes/normal_distribution.html
[12]labs/3.html

Week 4 (09/26-09/30)

Day 1 Relationships between two variables[13]

Scatterplots and Correlation[14]

Day 2 General Theory on Modeling and Data Fitting[15]

Day 3 Lab 4[16]

Week 5 (10/03-10/07)

Day 1 Linear Models and Regression Lines[17]
Day 2 The question of causation[18]
Day 3 **MIDTERM** (study guide[19])

Week 6 (10/10-10/14)

Day 1 Introduction to Probability[20]
Day 2 Conditional Probability[21]
Day 3 Lab 5

Week 7 (10/17-10/21)

Day 1 Fall Break
Day 2 Probability rules[22]
Day 3 Independent Events[23]

Week 8 (10/24-10/28)

Day 1 Tree Diagrams[24]
Day 2 Random Variables[25]
Day 3 Lab: Work on Projects[26]

---

[13] notes/relationships.html
[14] notes/scatterplot_correlation.html
[15] notes/modeling_general.html
[16] labs/4.html
[17] notes/linear_regression.html
[18] notes/correlation_causation.html
[19] notes/midterm1_study_guide.html
[20] notes/probability_intro.html
[21] notes/probability_conditional.html
[22] notes/probability_rules.html
[23] notes/independent_events.html
[24] notes/decision_trees.html
[25] notes/random_variables.html
[26] labs/projectAnalysisSteps.html

Week 9 (10/31-11/04)

Day 1 The Binomial Setting and Distribution[27]
Day 2 The Binomial Setting and Distribution[28] Day 3
   Work on Projects[29]

Week 10 (11/07-11/11)

Day 1 Mean and Standard Deviation of Random Variables[30]
Day 2 Combining Random Variables[31]
Day 4 MIDTERM (study guide[32])

Week 11 (11/14-11/18)

Day 1 Mean and Standard Deviation of the Binomial[33]
Day 2 Binomial: Approximating by Normal[34]
Day 3 The Sample Mean / IID Setting[35]

Week 12 (11/21-11/25)

Day 1 The Sample Mean / IID Setting (cont)[36]
Day 2 THANKSGIVING
Day 3 THANKSGIVING

Week 13 (11/28-12/02)

Day 1 Inference I: Confidence Intervals[37]
Day 2 Inference I: Confidence Intervals (cont)[38]
Day 3 Inference II: Hypothesis Tests[39]

---

[27]notes/binomial.html
[28]notes/binomial.html
[29]labs/projectAnalysisSteps.html
[30]notes/rv_mean.html
[31]notes/rv_combine.html
[32]notes/midterm2_study_guide.html
[33]notes/binomial_mean.html
[34]notes/binomial_mean.html
[35]notes/iid_setting.html
[36]notes/iid_setting.html
[37]notes/confidence_intervals.html
[38]notes/confidence_intervals.html
[39]notes/hypothesis_tests.html

Week 14 (12/05-12/09)

Day 1 Inference II: Hypothesis Tests (cont)[40]
Day 2 Going further: t-distributions
Day 3 Presentations

[40]notes/hypothesis_tests.html