Schedule

A week-by-week breakdown of the material.

Week 1 (01/05-01/09)

Day 1 Basic Terminology[1]
Day 2 Lab 1[2]
Day 3 Visualizing Variables[3]
Day 4 Percentiles[4]

Week 2 (01/12-01/16)

Day 1 Measures of Center[5]
Measures of Spread[6]

Day 2 Lab 2[7]

Day 3 Linear Transformations[8]
Density Curves[9]

Day 4 The Normal Distribution[10]

Week 3 (01/19-01/23)

Day 1 Relationships between two variables[11]
Day 2 Lab 3[12]
Day 3 Scatterplots and Correlation[13]
Day 4 General Theory on Modeling and Data Fitting[14]

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

Week 4 (01/26-01/30)

Day 1 Linear Models and Regression Lines[15]
Day 2 Lab 4[16]
Day 3 The question of causation[17]
Day 4 Introduction to Probability[18]

Week 5 (02/02-02/06)

Day 1 Review
Day 2 **MIDTERM**
Day 3 Introduction to Probability (cont)[19]
Day 4 Independent Events[20]

Week 6 (02/09-02/13)

Day 1 Probability rules[21]
Day 2 Catchup
Day 3 Tree Diagrams[22]
Day 4 Tree Diagrams (cont)[23]

Week 7 (02/16-02/20)

Day 1 Snow day
Day 2 Probability Practice
Day 3 Probability Practice
Day 4 Probability Practice

Week 8 (02/23-02/27)

BREAK

[15] notes/linear_regression.html
[16] labs/4.html
[17] notes/correlation_causation.html
[18] notes/probability_intro.html
[19] notes/probability_intro.html
[20] notes/independent_events.html
[21] notes/probability_rules.html
[22] notes/decision_trees.html
[23] notes/decision_trees.html

Week 9 (03/02-03/06)

Day 1 Random Variables[24]
Day 2 Lab Practice
Day 3 Snow Day
Day 4 The Binomial Setting and Distribution[25]

Week 10 (03/09-03/13)

Day 1 Mean and Standard Deviation of Random Variables[26]
Day 2 Mean and Standard Deviation of Random Variables (cont)[27]
Day 3 Combining Random Variables[28]
Day 4 Combining Random Variables (cont)[29]

Week 11 (03/16-03/20)

Day 1 Review / Catchup
Day 2 Lab: Work on Projects[30]
Day 3 **MIDTERM** (study guide[31])
Day 4 Mean and Standard Deviation of the Binomial[32]

Week 12 (03/23-03/27)

Day 1 Binomial: Approximating by Normal[33]
Day 2 Work on Projects
Day 3 The Sample Mean / IID Setting[34]
Day 4 Samples and Populations[35]

Week 13 (03/30-04/03)

Day 1 TBA

[24] notes/random_variables.html
[25] notes/binomial.html
[26] notes/rv_mean.html
[27] notes/rv_mean.html
[28] notes/rv_combine.html
[29] notes/rv_combine.html
[30] labs/projectAnalysisSteps.html
[31] notes/midterm2_study_guide.html
[32] notes/binomial_mean.html
[33] notes/binomial_mean.html
[34] notes/iid_setting.html
[35] notes/iid_setting.html

Day 2 TBA
Day 3 TBA
Day 4 TBA

Week 14 (04/06-04/10)

Day 1 TBA
Day 2 TBA
Day 3 TBA
Day 4 TBA