Suggested Homework List

Essentials of Statistics, 5th edition - Triola

*All homework problems are odd problems only unless otherwise stated. Material which is listed as optional is the course outline is not included.*

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| Date | **Section(s)** | **Homework** |
| 1/10  1/12 | 2-2 – Frequency Distributions  2-3 – Histograms | p. 51 (1-11, 12, 17-23, 29)  p. 58 (5-13) |
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| 1/17  1/19  1/24 | 3-2 – Measures of Center  3-3 – Measures of Variation  3-4 – Measures of Relative Standing | p. 90 (5-23)  p. 106 (5-19, 41, 42)  p. 123 (1, 5-27) |
| 1/31 | TEST 01 |  |
| 2/2  2/7  2/9  2/14 | 4-2 – Basic Concepts of Probability  4-3 – Addition Rule  4-4 – Multiplication Rule: Basics  4-5 – Multiplication Rule: Complements and Conditional Probability | p. 144 (5, 13-39)  p. 153 (5-31)  p. 164 (5-19, 21ab, 23-29)  p. 172 (5-29) |
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| 2/16  2/21  2/23 | 5-2 – Probability Distributions  5-3 – Binomial Probability Distributions  5-4 – Parameters for Binomial Distributions | p. 206 (5-21)  p. 217 (5-9, 15-39)  p. 226 (5-17) |
| 2/28 | TEST 02 |  |
| 3/2  3/14  3/16 | 6-2 – The Standard Normal Distribution  6-3 – Applications of Normal Distributions  6-5 – The Central Limit Theorem | p. 250 (3-47)  p. 260 (1-29)  p. 278 (1-21) |
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| 3/21  3/23 | 7-2 – Estimating a Population Proportion  7-3 – Estimating a Population Mean | p. 331 (5-35)  p. 349 (9-27) |
| 3/28 | TEST 03 |  |
| 3/30  4/4  4/11 | 8-2 – Basics of Hypothesis Testing  8-3 – Testing a Claim about a Proportion  8-4 – Testing a Claim about a Mean | p. 390 (3-7, 17-33)  p. 401 (3-31)  p. 413 (9-23) |
| 4/13 | TEST 04 |  |
| ?  ?  ? | 9-2 – Two Proportions  9-3 – Two Means: Indipendent Samples  9-4 – Two Dependent Samples (Matched Pairs) | p. 443 (7-17, bc only)  p. 457 (1, 5-19)  p. 467 (7-19) |
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| 4/18  4/20 | 10-2 – Correlation  10-3 – Regression | p. 496 (5-27)  p. 513 (5-27) |
| 4/25 | TEST 05 |  |
| 4/27 | 11-2 – Contingency Tables | p. 543 (5-11, 15, 19) |
| 5/2 | Review for exam |  |

Chapter 9 may be omitted or additional review days may be added to calendar, if time permits.