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Business Statistics / DSc3100 / Spring '01
 1:00-2:15 TTh / 1986 / 200CS
 2:30-3:45 TTh / 1987 / 200CS
<http://www.gsu.edu/~dscbms/dsc3100>

Week of	Topic	Exercises
Part 1 Understanding Data		
09-Jan	Introduction, preliminaries 1.1 Displaying Distributions with Graphs	<i>11, 15, 17, 19*</i> , 20, 21
16-Jan	1.2 Describing Distributions with Numbers	<i>37, 39, 41, 44, 46, 47</i>
23-Jan	1.3 The Normal Distributions 2.1 Scatterplots	<i>63, 65, 67, 69</i> <i>3, 7, 11</i>
30-Jan	2.2 Correlation 2.3 Least-Squares Regression	<i>17, 22, 25, 27</i> <i>31, 33, 37, 41, 45</i>
06-Feb	2.4 Cautions about Correlation and Regression Review of data analysis	<i>53, 55, 63, 65</i> <i>1.73, 1.76, 1.79, 1.81, 1.82*</i> , <i>1.83, 1.85, 1.89, 2.90, 2.91, 2.93</i>
13-Feb	EXAM 1 3.1 Designing Samples	<i>5, 7, 11, 13, 15, 17, 20, 21, 23, 24, 25, 27*</i> , <i>30, 31</i>
20-Feb	3.2 Designing Experiments Part 2 Understanding Inference 4.1 Randomness	<i>41, 43, 47, 53, 55, 59</i> <i>1, 7, 9, 11</i>
27-Feb	4.2 Probability Models 4.3 Sampling Distributions	<i>15, 21, 31, 35, 37</i> <i>39, 41, 47, 51, 55</i>
02-Mar	Last day to withdraw without a certain WF grade	
06-Mar	Holiday	
13-Mar	6.1 Estimating with Confidence 6.2 Test of Significance	<i>1, 2, 9, 13, 18, 21, 23</i> <i>25, 31, 37, 39, 45</i>
20-Mar	6.3 Making Sense of Statistical Significance Review of inference ideas	<i>55, 57, 67, 71</i> <i>3.61, 3.63, 3.69, 3.70, 3.71, 3.72, 4.56, 4.57, 4.61, 4.63, 4.64, 4.65, 6.74, 6.75, 6.77, 6.78, 6.79ab, 6.81, 6.83</i>
27-Mar	EXAM 2 6.4 Error Probabilities	<i>63, 65, 67, 71</i>
03-Apr	7.1 The t distributions 7.1 The t confidence intervals and tests	<i>3</i> <i>5, 9, 13, 17, 23, 25</i>
10-Apr	7.2 Comparing Two Means 2.5 Relations in Categorical Data	<i>29, 37, 46, 47, 49</i> <i>69, 71, 76, 86, 87</i>
17-Apr	8.1 Inference for a Population Proportion Part 3 Topics in Inference 9.1 Two-Way Tables	<i>3, 7, 9, 15, 21</i> <i>1</i>
24-Apr	9.2 The Chi-Square Test Review for Final Exam	<i>3, 5</i> <i>2.101, 2.102, 4.62, 6.64ab, 7.61, 7.65, 7.66, 7.67, 8.41, 8.45, 8.50, 9.11, 9.14, 9.15</i>
05-May	Final Exam 10:15 am SATURDAY (the room will be announced later)	

Textbook: David Moore, **The Basic Practice of Statistics, 2nd Edn**

italics = in Study Guide
bold = business context
 asterisk* = special topic