

AP Statistics
Summer Assignment, 2011

The AP Statistics course content includes many topics most high school juniors and seniors will have seen in another course before this point. In the interest of time management, we will not be recovering some of that ground. It is therefore expected of every student that he or she will know how to read graphs, and find descriptive measures on a set of data, before the first class.

This packet covers those two topics. Much of what you see here will be material you have already learned. Some of it will be content you have not seen before. The text will provide you with as much information as you need to be able to answer all the questions. I recommend that you read the text of each section first, then refer back to the examples as you work through the questions.

Answers to the multiple choice questions must be marked in pencil on the scan cards provided. Answers to open-ended questions must be written on separate paper, with all work shown. The scan cards and answer sheets will be collected on the first day of class, and will be your first graded assignment, worth the same as a unit test. Late assignments will be penalized.

Directions:

- 1) Read section 1, "Graphical Displays," and answer all 13 multiple choice questions. Label one of your scan cards "Graphical Displays," and mark your answers on that card. Make sure your name is also on the card.
- 2) Answer both open-ended questions for section 1. You must show all relevant work, and explanations of your reasoning should be expressed clearly and completely.
- 3) Read section 2, "Summarizing Distributions," and answer all 31 multiple choice questions. Label one of your scan cards "Summarizing Distributions," and mark your answers on that card. Make sure your name is also on the card.
- 4) Answer all four open-ended questions for section 2. You must show all relevant work, and explanations of your reasoning should be expressed clearly and completely.

Please see the guidance office for a copy of the aforementioned packet!