Before class tomorrow (Thursday, Feb 5), you should work through Chapter 1 (Picturing Distributions with Graphs) of the Excel Manual. If you’re unfamiliar with Excel, you should also work through the Introduction of the Excel Manual.

Data for the material in Chapter 1 can be downloaded from the class website (http://cs.usfca.edu/peter/stats/class_lab1).

In class Thursday you should hand in the following charts.

1. A bar graph of garbage weights. Use the data in eg01-02.xls.

2. A pie chart of garbage weights. Use the data in eg01-02.xls.

3. (a) A very simple histogram of percentages of state populations that are Hispanic. This histogram should use the default settings given by the histogram tool. So it should look something like the chart in figure 1.15. However, this chart has too few bars – the actual default settings will give you more bars at different locations. Use the *numeric* data in ta01-01.xls.

(b) A more advanced histogram of the percentages of state populations that are Hispanic. This histogram should use the bins 5, 10, . . . , 45, and it should look like histogram in figure 1.19.

(c) A histogram of weights at birth of babies born in the US in 1999. Use the data in ex01-18.xls. Note that you don’t need to use the histogram tool for this chart: you can just use the chart wizard, since the data are already in bins.

4. A time plot of average tuition costs at US four-year colleges. Use the data in ta01-03.xls.

Except for 3a, the charts you hand in should look like the charts in the Excel manual.