Math 122
Introduction to Statistics and Probability
Drawing Histograms

TI

1. Press STAT

2. Select "Edit"

3. Enter your data in a list (we use L1)

4. Press 2ND-STAT PLOT

5. Press ENTER

6. Highlight "On" and Press ENTER

7. Highlight the histogram icon and Press ENTER

8. Make sure Xlist is where you put your data

9. Press ZOOM

10. Select "ZoomStat"

To change the class width, press WINDOW and change "Xscl." Then press GRAPH.

Excel

1. Enter your data in one column.

2. Either under "Tools" or "Data" select "Data Analysis."

3. Select "Histogram" and press OK.

4. Click in "Input Range" and then highlight your data.

5. Click the radio button beside "Output Range."

6. Click in "Output Range" and then click an empty cell.

7. Check the box next to "Chart Output."

8. Press OK

To adjust class widths, you can enter a column that has your upper class limits. When you do the process above, after selecting an Input Range, you can select Bin Range and highlight the upper class limits.

Web Calculator

1. Click "List"

2. Type your data values on separate lines of the list.

3. Decide what starting value and class width you want.

4. Press "StatPlot" and then "bar chart".

5. Enter the list number, starting value, and class width.

6. Press "Calculate."