

## Activity 1 - Basic Graphs

This is your first graded assignment.  
You will be turning it in.

### **Objectives:**

1. Become aware of some of the expectations of this class.
2. Become aware of the need for accurate data collection.
3. Learn how to examine the data in order to display it meaningfully.
4. Learn graphing expectations for this class and beyond.
5. Start to extract information from histograms and box plots.

## V-Span

Measure the maximum distance from your thumb to your little finger of your dominant hand. Stretch your hand out!

Measure to the nearest tenth of a centimeter.



1. Enter your measurement into the data table on the laptop.
2. While the class is doing that, construct your own data table.
3. Construct a histogram and box-plot of these measurements. Use a single x-axis for both graphs.
4. Answer these prompts:
  - a) The center of the v-span measurements is
  - b) The spread of the v-span measurements is
  - c) The shape of the distribution of the v-span measurements is

5. Class discussion. This is to clarify for you the graphing conventions I expect you to follow when making graphs for this class.

6. Turn in your work.

