HON 312, Week of Feb 18-22.

Review/learn basic electronics:

a. Create simple circuits (with breadboards or sets).

b. Learn the different components of electronic circuits: power source, switch, conductor, resistor, capacitor, diode, light emitting diode (more advanced: inductors, transistors), what they do to/with electricity, and their symbols.

c. Learn about voltage, current, power and resistance and how to use a multi-meter to measure them.

d. Learn about transducers. What are they?

e. Learn about the difference between analogue and digital.

Decide (consult with your book, WWW and with Jim Loftin) on a simple sensor to build and discuss it with Jim Loftin your choice to insure that we have the component needed.

Think of a method to calibrate your sensor and discuss it with Jim.