Team Meeting Minutes

- Speak with Dr. Wall to determine appropriate microcontroller size for project.
  - Discussed later in meeting. Size is an insignificant factor in this project.
- PIC Processor IDE is available in the Power lab
- Look at gas pressure operated solenoids.
  - Talk to Dr. Odem
  - www.mcmaster.com is a good source
- As Dave Beaver about the long range sensors he mentioned in the project description.
- Determine a minimum sampling rate for the sensor options we choose.
  - The minimum sampling rate is going to depend on the detection range of the sensor we choose and the time it takes an animal to walk across that window.
- User selected timing knob can use an analog potentiometer and an analog input on the microcontroller.
- Microcontroller must have
  - 2 analog channels
  - 4 digital inputs
  - 2 digital outputs (for a latching solenoid).
- Look at the PIC 16C series.