The Plan:

1. Figure out how to control the legs
   1. Calculate the inverse kinematics of each leg
   2. Use the slow code to configure the legs’ movement to a point
   3. Translate the slow code to the fast code
2. Configure Sensors
   1. Install and determine the values that each sensor feeds to the Arduino
3. Combine sensors with step movement
   1. Calibrate the sensors to each leg
   2. Train the hexapod to walk with the sensors
   3. Use the sensors to get the hexapod to safely step over objects
4. Failsafe (if the leg can’t touch the ground)
   1. Brainstorm ideas
   2. Implement them

The Dates:

Random Notes:

* IR Sensor works with Arduino Uno