**Engineering Design II   
Winter 2013  
Weekly Status Report**

Name: Danny Gunny  
  
Team: ACAMP

Date: 02/19/13

Week: 7

**All Tasks Complete**

\_X\_ Yes

\_\_\_ No

**Hours spent on project** **=** 33

**High level, overview summary of progress during past week (very concise):**

Last week, I had a conversation about the power supply for our project with Prof. Peterson and Stark. We were able to determine the preliminary design for creating this system. Additionally, I was able to get the timer operating with interrupts on our microcontroller and we were able to automate both the water pump and the motor using pure C code.

**Unfinished Tasks:**

Convert temperature/humidity sensor code to C from Arduino, waiting on DHT22 to arrive

**Completed Tasks:**

Created a way to upload data to micro via Atmel Studio using C language

Automated the Water Pump using C

Made the motor capable of moving clockwise and counterclockwise

Created a preliminary power supply design with Prof. Peterson

**To-Do List:**

Clean up motor control code for ease of access

Communicate with pH sensor

Research ATMEGA2560/Raspberry Pi communication

**Problems holding up progress:**