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

Name: Danny Gunny  
  
Team: ACAMP

Date: 02/25/13

Week: 8

**All Tasks Complete**

\_\_\_ Yes

\_X\_ No

**Hours spent on project** **=** 22

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

In the last week, I have mostly just done research for several topics. I looked into what kind of linear regulators we would need if we built our own power supply and determined that we need to come up with a better system or buy a power supply as we will be drawing too much current for a linear regulator. I also researched how the UART works and read several tutorials on C programming to improve my ability to work on this project. Lastly, I have finished a good portion of the code for the DHT22 but it is not quite done yet.

**Unfinished Tasks:**

Finish setting up the DHT22

Communicate with pH sensor

**Completed Tasks:**

Researched power supply systems  
 Researched more effective ways of coding in C

Researched the ATmega2560’s UART

**To-Do List:**

Be able to pull data from the DHT22

Help Justin with laser system

**Problems holding up progress:**