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

**Account of work completed in previous week and the plan for following week.**

Name: Wayland He   
  
Team: ACAMP

Date: 2/11/2013

Week: 6

**All Tasks Complete**

\_\_\_ Yes

\_X\_\_ No

**Hours spent on project** **=** 23

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

So this week, I talked to my dad more about the design. I tried to explain to him the compartmentalized design that was brought up and asked if we can still attach a door to it. There were many things we went back and forth on but ultimately, he needs to see my design in order to give us pointers. It was too difficult to explain it. My dad is coming up next week and we are going to meet up so he can see either the SolidWorks design or a design drawn by hand. This weekend, I also went to multiple places with the group to go shopping. This took up the entire day. I also finished the motors lab for CE118, so that is very applicable to this project which we are using stepper motors.

**Unfinished Tasks:**

Sending data between Rasberry Pi and Microcontroller

Finish up the SolidWorks model of our system

**Completed Tasks:**

Played around a little bit with Stepper Drivers and H-Bridge Modules to drive stepper motors

Talked to my dad and he will be coming up next week to look at design

Went to HSL, Home Depot, and Hydroponics store to buy parts

**To-Do List:**

Finish up SolidWorks design before my dad comes up Transfer data between Rasberry Pi and Microcontroller (pushed from last week)

Help interface microcontroller with stepper motor so we can start implementing the rod system for the lasers

**Problems holding up progress:**

CMPE118 Midterm took a lot longer than expected

Can’t explain to my dad about our design and whether it’s going to work (don’t know many of the woodworking terminology in Chinese)