

Rolling Timber II

June 25, Monday

What we have had in the class:

- Product Requirement Document (PRD)
- Purchasing Procedures
- Project Portfolio
- Wikipage Expectation
- Wikipage Setup

What we talked in the team meeting:

- Zak made an appointment with Scott and Dr. Beyerlein on June 27, Wed
- Complete the circuit:

Programming

Look up a sensor

Build the circuits

Test the circuits

- Mechanical Engineering component:

3D model by Solidworks

Brainstorm a new design concept

Using a mild steel only

Order materials

- Build prototype

Agenda for the next meeting:

- Week 5 start testing
- The second client meeting June 27, Tu
- Prepare some questions for the meeting
- Purchasing Procedures
- Project Portfolio
- Wikipage Expectation
- Wikipage Setup

Rolling Timber II

June 27, Wed

What we have had in the class:

- We need to change the sensor and work on the old one, because its high quality, high sensitivity, and capable of handling high temperature. (Compression load cell)
- Change the design and work on concept # 2, Which is cutting materials and adding the sensor outside the throat to not have high temperature that might affect our load cell
- Communication standard with Scott and Dr. Beyerlein

What we talked in the team meeting:

- Order materials: Bolts, Cables, Steel
- Be prepared for snapshot 1. Logbook, Wiki, Portfolio
- Testing: calibration, accuracy, reputability
- Plans for Fall
- Solidworks design concept to show how our new design will be

Agenda for the next meeting:

- Moisture sensor
- Test the sensors and get the results
- Meeting with the construction guys
- Testing prototype **week 6**
- Software: Simulink, and Arduino
- The third client meeting on **July 3**

Rolling Timber II

June 29, Friday

What we talked in the team meeting:

- The old sensor worked and we would show the results to Scott
- Working on project seclude for Fall 2018
- Test the pervious prototype with supply V5

Agenda for the next meeting:

- Design Validation Plan
- Concept Design Review
- Business Case Development
- Value proposition