

Project Status Report: CPST-0 14

Team Members: Justin Booher, Emily Cooper, Josh Fenwick

Project Title: Concrete Canoe

Weekly Mtg: Thursday, March 28, 2024

Concrete Lab (Clyde)

1) Summary of technical/non-technical challenges encountered

- Josh has been on top of it going into the lab every morning to spray the canoe with water to help it during the curing process.
- Some sections of the canoe are rough because of the plastic tarp sticking to it when we put it over the canoe to keep the water in.

2) Team approaches & resolutions to overcome challenges

- This Friday or Saturday we are planning on
 1. Sanding down the canoe to make it smooth
 2. Creating a patch mix to cover any sections that aren't smooth as well as the bulk heads on the inside 3' of each side of the canoe
 3. Staining the canoe to look like a p51 Mustang with a shark mouth

3) Status of challenge resolutions & potential project impact

- We believe we can have the canoe finished by this weekend so that we can be ready for competition the following week.
- Josh and Emily met on Thursday to gather samples of each component of the mix to present at the canoe display on April 11 or 12.

4) Project status & summary

- We still need to finish compiling and finalizing the paper (as well as giving a copy to Dr. Hotchkiss to review per his request)
- We need to prepare a stand to display our project and findings at the competition and have it match our theme (we are open to suggestions).
- We would like to practice rowing with our team members to prepare us for the potential races should the weather hold up in Logan in 2 weeks.
- We need to finish our poster for capstone by Wednesday
- We will need to coordinate with Clayton about how we will be transporting the canoe to Logan (foam to cushion it, what will we put it on, etc.)

Please enter # of hours spent on project this last week for each team member in the order listed above

4/1/2024

Member #1: 2

Member #2: 2.5

Member #3: 6

Member #4:

Member #5:

1