

BYU ENGINEERING

Civil & Construction Engineering

CAPSTONE

Project Status Report: CEE-2019CPST-016

Report Date: 11/01/21

Team Members: Jordan McInelly, Joseph Stout, Israel Rivera

Project Title: Cold plate challenge from Raytheon

1) Summary of technical/non-technical challenges encountered

- We learned more about the Abaqus finite element analysis program through our most recent lab given to us by Dr. Scott. We still have not been able to meet Dr. Scott in person which has been a challenge as we still aren't completely sure what we are doing for our Capstone project.

2) Team approaches & resolutions to overcome challenges

- Dr. Scott has a Coreform module where we can find our labs and last week's lab was to answer questions regarding how to use Abaqus. We also had to answer a few questions regarding different types of test. This was helpful in overcoming our challenge of not knowing how to use the program. We are slowly growing familiar with the program.

3) Status of challenge resolutions & potential project impact

- We all currently have the program downloaded and ready for our next lab but are still unaware what our Capstone is exactly.

4) Project status & summary

- Dr. Scott could not make it to the dinner and hasn't let us know when we can meet with him, but we have been communicating through email which helps us know what is expected of us right now.
- We are still meeting weekly as a group and working effectively together. We are all caught up on labs and are ready to learn the next step. We still don't fully understand what our project is, but we are learning the basics to be able to complete it.

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

11/1/2021

Member #1: 2.5

Member #2: 2.5

Member #1: 2.5

Member #2: