**Present all progress to Dr.Mitchel**

**Comments:**

* Testing plot
* Plot all 6 and the average
* Carbon Fiber
* carbon fiber step accurate/applicable
  + If the thesis is about optimizing, using different material does not really refine the optimizing portion
    - Unless you do and optimization for each material
    - Other available variants
    - Temperature variance (warping?)
    - Speeds
    - Structure of the piece
  + ORDER MORE STUFF
  + More videos for presentation
  + Graphs
* Please don’t “I just did this yesterday”
* Write the thesis as we test: it’s gonna take a while
* Uniform testing!

**Plan:**

* 36 pieces will be done!
* Brendan: T1, Aidan and Elizabeth: T4
* Eric: Get through the rest of the pieces he has
* T1 damaged, repaired, and undamaged printed, tested, and analyzed by next meeting (maybe even week? tbd) ideally next week
* Order strain gauges, filament, and new test setup.
* Plot things on top of each other
  + Single y axis
  + Plots for undamaged, damaged, and repaired
  + Plot repaired and damaged on the same plot
  + Plot all three at the end on one graph for an overall analysis type graph
  + Line instead of big plots

**What he wants:**

* All 6 plus an average on one plot
* Plots with undamaged, damaged, and repaired on one
  + Make the axis uniformed for better analysis
* Update in the 2 weeks time on where we stand on the second test setup
* Update him throughout the week
  + Maybe put some stuff into a drive and share it with him?