

Team: Strain Gauge Dynamometer for Cutting Tools

Engineer: Zac Rubeor

Entering Phase: IV - Detailed Design

What do I plan on doing to ensure that Team P17665 has a successful Phase IV review?

1. Prototyping mechanical subsystems with Elbert and Brian (2 days – 11/11, 11/12)
2. Update EDGE based off of feedback from Phase III review (2 hrs – 11/8)
3. Work on BOM with team as needed (whole phase)
4. Resonant frequency analysis (1 day – 11/10)
5. Preliminary testing mechanical subsystems with Elbert and Brian (1 day – 11/14)
6. Redesign if necessary (1 day – 11/16)
7. Detailed testing mechanical subsystems with Elbert and Brian (1 day – 11/19)
8. Begin working on code package (11/22)
9. Prep for Phase IV Review/EDGE check (3 hrs – 12/1)

You will answer these three questions when you submit at the end of Phase IV

1. What did I actually do?
2. What did I learn?
3. What do I plan on doing to ensure that Team P17665 has a successful Phase (IV) review?