

**Team:** P17665 – Rotating Dynamometer      **Engineer:** Joe Amoia  
**Entering Phase: IV Detailed Design**

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

1. Review all EE system designs with Muhammad - wiring diagram, pinout, power calcs, code, filtering/amplifier circuit (3 days, 11/6)
2. Review with SME (George Slack) to verify that all electrical systems are plausible (ensure EE checklist has been review) (1 day, 11/10)
3. Determine circuit layout of Op-Amps with Muhammad on prototype board (2 hours, 11/11)
4. Solder components to prototype board (1 day, 11/12)
5. Strain gauge testing in EE Lab (1 day, 11/13)
6. Sampling Rate testing – signal recreation and amplification (1 day, 11/15)
7. Ensure ME's have started to finalize dimensioning on steel for device (11/15)
  - a. Any machining can be started/prepped to start over intersession
8. Continually Update WBS and Gantt Chart (ongoing)
9. Finalize Bill of Materials with all final items/components for device (by 11/17)
  - a. Ensure all items are delivered/on-order
10. Detailed Design Review (1 day, 12/8)

**You will answer these three questions when you submit at the end of Phase (N).**

1. What did I actually do?
2. What did I learn?
3. What do I plan on doing to ensure that Team P16xxx has a successful Phase (N+1) review?