

# EE 491 Weekly Report    MAY1612    Week 9 (10/20/15-10/27/15)

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**Advisors:** Mani Mina, John Pritchard

**Client:** Minnetronix

**Members (roles):** Brandon McDonnell, Group Lead; Justin Long, Web Master  
Timothy Dee, Key Concepts; Corey Wright, Communications

**Project Title:** Remotely Connected Electric Field Generator for Particle Separation in a Fluid

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## Weekly Summary

This week we did not meet but worked on the design report online within a google doc. From what the google doc program can tell me, most of the work was done by Tim Dee with a smaller amount done by Corey Wright.

## Meeting notes:

No meeting or class this week.

## Pending issues

1. We now need to continue doing research into how exactly we can accomplish our goals, specifically the amplifier portion of the circuit and the interfaces between components, and through what means
2. We need to finish up the design document that is due on the 27<sup>th</sup>. From these we will need to get prepared for the meeting with John Pritchard next week and obviously to continue working on the project.

## Plans for next week

Describe who will do what .....

1. All: Further work on the minigen and actually get it to write to its registers properly
2. Finish work on the first design document that is due this week.

## **Individual Contributions (this week)**

All did some amount of research.

Brandon McDonnell (0hr)

Justin Long (0hr)

Tim Dee (3hr)

-did most of the work on the first design document

Corey Wright (1hr)

-worked on the weekly report and design document

## **Total contributions for the project**

Brandon McDonnell (15hr)

Justin Long (13hr)

Tim Dee (23.5hr)

Corey Wright (16hr)