

## **EE/CprE/SE 491 WEEKLY REPORT 1**

**January 25- February 8, 2021**

**Group number: 47**

**Project title: Triple Output Power Supply**

**Client &/Advisor: Dr. Tuttle**

**Team Members/Role:**

- **Benjamin Almquist- Test Engineer**
- **Mary Le- Test Engineer**
- **Michael Neilson- Technical Expert**
- **Adam Simodynes- Report Manager**
- **Krishan Sritharan- Meeting Scribe**
- **Chance Webster- Meeting Facilitator**

### ○ **Weekly Summary**

*The group met at the beginning of the semester to refresh ideas and components needed to create so there's a much clearer understanding with the layout before we go into the lab to start building the prototype for the power supply. A finalized diagram was created for a fixed regulator required for the supply.*

### ○ **Past week accomplishments**

- **Ben**
  - Worked on MCU regulator and its inputs and outputs
- **Mary**
  - Working on voltage adjustable circuits
- **Michael**
  - Working on voltage adjustable circuits
- **Adam**
  - Worked on MCU regulator and its inputs and outputs
- **Krishan**
  - Working on fixed output regulator and switching regulator
- **Chance**
  - Working on fixed output regulator and switching regulator

○ **Pending issues**

*No pending issues thus far.*

○ **Individual contributions**

<b><u>NAME</u></b>	<b><u>Individual Contributions</u></b> <i>(Quick list of contributions. This should be short.)</i>	<b><u>Hours this week</u></b>	<b><u>HOURS cumulative</u></b>
Ben	○ Worked on MCU regulator and its inputs and outputs	6	6
Mary	○ Working on voltage adjustable circuits	7	7
Michael	○ Working on voltage adjustable circuits	6	7
Adam	○ Worked on MCU regulator and its inputs and output		6
Krishan	○ Working on fixed output regulator and switching regulator		6
Chance	○ Working on fixed output regulator and switching regulator		6

○ **Plans for the upcoming week**

- After our meeting today between group members, it was decided that we need to finalize some parts and then order it to get building and testing the prototype/ The advisor has not yet met with the group, which they plan to get in contact again very

soon. That way there's a much better understanding between the client's standards and the group.

- **Summary of weekly advisor meeting**

*The group has yet to meet with our advisor/client this semester due to scheduling conflicts between them and the group. We may try to get in contact with them this week and give them an update as well as future steps necessary to fulfill the requirements provided to us by them.*