

**Group: May 1738**

**Project: Flying flashlight**

**Advisor: Professor Gary Tuttle**

**Members: Peter Bonnie, Brady Koht, Sebastian Roe, Joseph Wickner, and Scott Melvin**

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○ **Weekly Summary**

For the first weekly report of Term 2 (EE492) we are covering a period of two weeks of time. As the first week of classes (Jan 9- Jan 15), we were concerned about learning our new course load and schedule. It was during this first week that we determined when we can meet as a group. We decided on Thursdays at 2pm for a few hours each week is a time we can all meet and collaborate. Saturdays and Sundays can follow as needed, besides working individually throughout the week.

The second week of the semester we met with Professor Tuttle and informed him of our projects current progress and the current plan of attack leading into EE492. PCB design started at the end of EE491 and we continued the process this week.

○ **Individual contributions**

<u>NAME</u>	<u>Individual Contributions</u>	<u>Hours this week</u>	<u>HOURS cumulative</u>
Peter	Continue Updating Communication processes and protocols with Xbee	2	49
Brady	PCB Design	3	42
Scott	Drum/Tether Box Design	2	41
Sebastian	PCB Design	3	42
Joe	Compiling Parts Lists for PCB	2	41

○ **Plan for coming week**

The goal for the week of Jan 23-29 is to continue and hopefully wrap up PCB design. We also want be able to utilize the CPRE 488 quad copper test plates to be able to evaluate our flight controller. An adaptor plate will be needed to be manufactured.

- **Summary of weekly advisor meeting**

This was the first meeting we have had with Professor Tuttle in quite some time. We brought him up to speed with our progress and plan for EE492. We came away with some good tips for our tether and winch system design as well as some PCB ideas.