

# EE CprE SE 492 - MAY15-28

## MicroCART Senior Design Team

### Meeting Minutes - Week 1

January 12, 2015

#### Attendance:

##### Team Members:

Paul Gerver  
Joe Benedict  
Adam Campbell  
Jacob Rigdon  
Matt Vitale  
Matt Post

##### Advisors:

Dr. Phillip Jones  
Paul Uhing

#### Agenda Items and Discussion

- 1) Welcome – Matthew Post (EE focused in Controls)
- 2) Where are we?
  - a. Last semester we got busy near the end which is ok, but we definitely had some lessons learned
  - b. Tasks
    - i. We need to relook at the complementary filter and run extensive tests
    - ii. PID Tuning – we need to systematically attack this task
  - c. Software of GUI
    - i. We have a very simple stripped down version, and we need to have documentation for this current version and the next steps to get the full GUI we would like
  - d. Dr. Jones wants a strong foundation meaning super clean implementation (no hacks) and extensive documentation.
    - i. Please, NO FEATURE CREEPING
    - ii. We need everyone to focus on the core platform not on the later cool things that we can get to once we have things working
  - e. We need to communicate better
    - i. We need to not all work on different things

- ii. We need to personally reflect on ourselves and how to best work with our team members
  - f. Dr. Jones wants the team to decide on a team lead who is essentially the entire project manager that makes sure that the team works together and holds people accountable
    - i. We should have a team discussion about this
- 3) Are Ravi's things in?
  - a. Yes, Paul Uhing said that Joe was tinkering with one of the circuits over break.
- 4) Things for next week:
  - a. Discuss communication needed to be efficient with one another
  - b. Weekly work times
  - c. Elegant documentation for the individual tasks, lessons learned, and test plans for components