Memo

**To**: Dr. Luis Rodriguez

**From**: A.R.C. - Logan Beaver, Justin Campbell, Tyler Paddock, and Ron Shipman

**Date**: November 13, 2014

**Re**: A.R.C.’s Update for the Week 10

**Problem Statement:**

Milwaukee School of Engineering (MSOE) participates in community outreach programs where science, technology, engineering, and mathematics (STEM) topics are demonstrated to encourage younger generations to enter into STEM based degrees and careers. Having an automated control system to demonstrate and interact with would increase the excitement at these outreach programs. Development of a robot with pneumatic locomotion for the Milwaukee School of Engineering’s controls classes would give students a first-hand experience with complex control systems.

**Last Week’s Accomplishments:**

* Filled out Funding Form
* Rated the robot model in Solidworks
* Report Work
  + Electrical Updates
  + Proposed Gaits
  + Updated Gantt Chart
  + Example Pneumatic Circuit
  + Number of Legs Discussion in Background Section

**Goals for this Week:**

* Update report
  + Place in other preliminary designs
  + Review #1
  + Review #2

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| --- | --- | --- | --- | --- |
| **Date** | **Person** | **Task** | **Time [Hours]** | **Total Man-Hours** |
| 11/13/14 | Team | Team Meeting | 1 | 40 |
| 11/14/14 | Team | Team Meeting | 1 |
| 11/14/14 | Team | Extra Team Meeting | 2 |
| 11/1 to 11/6 | Team | Report Work | 6 |