



## ELEC 4000 Senior Design Status Report – Page 2 of 3

### TEAM MEMBER HOURS

Record # of hours each person spent on each task this week, then total by week, cycle, and project.

					Task						Total Hours	
Name	1	2	3	4	5	6	7	8	9	Week	Cycle	Project
<b>Ben Straub</b>	0.5	3.5	0	3	0	0	0	1	0.5	8.5	8.5	8.5
<b>David Toledo</b>	0	3.5	0	0	0	0	0	1	0.5	5	5	5
<b>Drew Kerr</b>	0	0	0	0	0	0	0	1	0.5	1.5	1.5	1.5
<b>Kayla Frost</b>	0	0	0	0	1	0.5	0	1	0.5	3	3	3
<b>Peter Gartland</b>	0	0	0	0	0	0	0	1	0.5	1.5	1.5	1.5
<b>TOTALS</b>	0.5	7	0	3	1	0.5	0	5	2.5	19.5	19.5	19.5

#### Accomplishments since last status report:

- Created a MATLAB simulation for the plotting functions.
- Fixed plotting issues on Arduino.
- Fixed curve interpolation math in Python.
- Added additional support to frame to prevent bowing.
- Added a front shelf to frame to support paint reservoirs.

#### Obstacles encountered since last status report and actions to deal with same:

- Trouble understanding image processing filters
  - Action: Find better explanation for image filters.
- Finding a decent stepper motor to fit our budget.
  - Action: Continue searching and reevaluate motor needs.

#### Risks facing the project and actions to deal with same:

No major risks have been determined yet.

#### Objectives for the next week:

- Test existing motors and/or order new stepper motors.
- Attempt paintbrush dipping motion.
- Develop a list of possible calibration methods.
- Develop a list of possible filter methods.

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### Notes:

War eagle!