

ET NavSwarm Weekly Progress Report**Goals for last Week:**

- Apply for Alumni Association Grants.
- Contact last year's sponsors for fundraising.
- Suspension system will be decided on.
- Chassis design.
- Begin solid modeling of first iteration design.
- Software teams continue learning Python.

What got done:

- Arduino to Pi communication research continues. Kevin is getting a Python certification to aid with research.
- Preliminary chassis and suspension design have been chosen and are currently being modeled.
- Other considerations for suspension design and chassis are also being modeled (Turtle Rover and Rocker Bogie styles).
- Presented for Dean's Office and Parent's Association.
- Presentation for ME 441 made.
- Alumni Association mostly filled out, need detailed budget and faculty signature.
- GPS testing/ calibration has begun with known locations. Also starting of IMU calibration.

Goals for this week:

- Have completed first iteration designs for bots, multiple designs for comparison is preferable.
- Fix Sponsorship Package document.
- Apply for Parent's Association grant, due November 15th.
- Continue to learn about, test and calibrate sensors and communications.
- Cost estimates on new bot designs.

Issues:

- S-Lab exam slowed progress for the first part of the week. There are no more S-Lab exams so this should not be a future problem.