



Corey Sanders &lt;cls1432@uah.edu&gt;

---

## CPE 656 Train Trax Project Meeting Summary 11-05-2015

1 message

---

**Corey Sanders** <cls1432@uah.edu>

Thu, Nov 5, 2015 at 7:25 PM

To: Stephen Jalbert &lt;sgj0001@uah.edu&gt;, Rashad Madyun &lt;rmadyun@gmail.com&gt;

Cc: Corey Sanders &lt;cls1432@uah.edu&gt;

Attendees  
Corey Sanders  
Stephen Jalbert  
Rashad Madyun

### Summary :

Gave Status of Geometry Collection. Initial Collection method is officially not accurate enough. Measurements were over an inch off from what was manually measured.

Collection method will have to be modified to reliably get information about items on the track.

Header pins on IMU Duino is smaller than everything else. He is working on getting adapter for the unit.

Rashad will be unavailable for the status meeting with Dr. Kulick on Wednesday due to a surgery appointment.

He will try to make the Thursday meeting.

Team agreed to include in comments of issues items that they choose to work on so that there is not overlapping work.

Corey

### Done:

Responded to Rashad's question for window prototyping

Fixed matlab script for position estimation

Created matlab script for position triangulation

Brainstormed on alternative method for Track Geometry Data Collection

Analyzed collected Track Geometry Data.

### Next Actions:

Check with Dr. Kulick on Status of Equipping Table with Measurement Fixtures for Laser Range Finders

Attempt to Collect more data points with an alternative manual measurement method as an interim solution.

Fix defects in review of Team Operation Document changes from Dr. Kulicks Feedback last week.

Stephen:

### Done:

Successfully was able to communicate with IMUDuino

### Next Actions:

Working on Defects from Wednesday Status Meeting

working on getting adapter for the IMUDuino header pins.

Will continue working on assembling Sparkfun IMU hardware.

Rashad

Done:

Started researching information to create UI prototypes.

Next Actions:

Working on Populated Missing Sections in SDD.

Continue UI Prototyping.