

MEETING MINUTES

Topic: Staff Meeting # 4: Website, Project Progress, Analysis Report.

Date: 3/26/19

Time: 10:00 am

Location: EGR RM 120

Minutes recorded by: Dillon Edlund

Meeting called by: David Willy

Attendees: Dillon Edlund, Stephanie Yazzie, Zach Morrison, Laken Yargus, David Willy, GTA Brandon

Table 1. Record of meeting.

Time	Description	Location
10:02 am	Review Agenda, sign purchase order for Raspberry Pi kit	Rm 120
10:05-10:07	Individual project progress Stephanie - 1D model, focus on tension, not compression. 2 separate block models	Rm 120
10:07-10:10	Figure out website, suggestion to talk to Gore Team, and ITS	Rm 120
10:10 - 10:15	Zach - troubleshooting potentiometer options. Willy - make potent. Nichrome(?) wire, or any wire. Resistance per inch, using a "slider". 1000's of Ohms/inch -"resistance per linear foot of material" - Google -"construction of potentiometer"	Rm 120

10:15 - 10:18	<p>Laken - Frictional surface material</p> <ul style="list-style-type: none"> -possible use of magnet and metal combination, Willy approved - research "flux" and "teslas" -3D printed box for magnets - need "clean box" - nothing contaminating magnet 	Rm 120
10:18 - 10:20	<p>Dillon - working out force vs. displacement in terms of only displacement.</p> <ul style="list-style-type: none"> - research Maxwell's equations, ex. electromagnetic force eqns. 	Rm 120