To: James Black

Group leader: Cole Trugman for Group: Battlebots 3

CC: D2L Dropbox

Date: 11/15/18

Re: ETME/EMEC (489 or 499) Weekly Progress

# **Progress**

Tasks Completed:

* Drafted solid model including motors and microcontroller
* Came up with new idea for roller design (3 bars in hub as opposed to solid bar)
* Began working out manufacturing plan

Work in Progress:

* Complete SolidWorks model
* Complete manufacturing plan

Upcoming Tasks and personnel assignments:

* Do some calculations regarding design allowable dimensions ( roller diameter, axle diameter)
* Size motors
* Determine hub mounting to frame/motor
* Work on CDR/video presentation
* Make Budget plan

Issues and Concerns:

* Minimal experience with electrical systems
* Short timeframe to design solid model
* Mounting roller such that it can be removeable