



TRISONICS WEEK 3



The TriSonics ARE NOW HALFWAY THROUGH build season!
We are now halfway to stop build day, and are close to being done with design. The design team



released some drawings of our chassis so the build team can start on that. We are not as far as we would like to be at this point, but not far behind where we usually are.

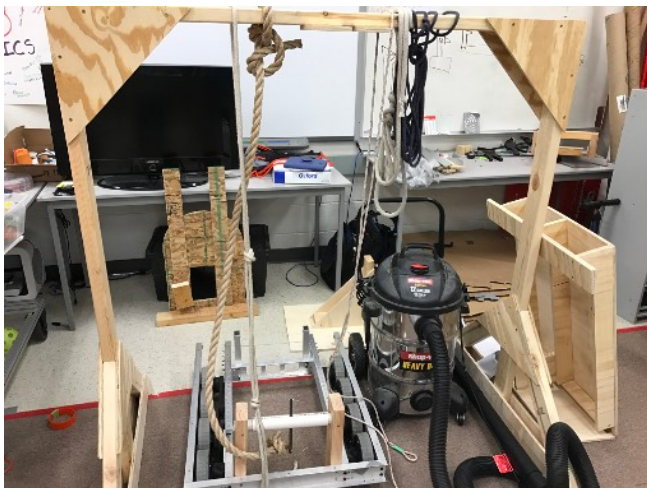
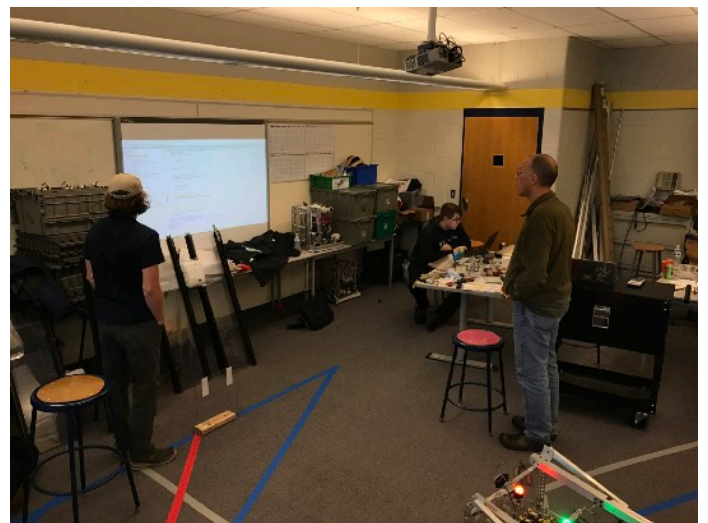
Pictured above, TriSonics students are hard at work in our build room creating some gearboxes for our intake system.

“This week on the build team we have been working on getting small parts machined. We have been putting on finishing touches on our shooter prototype and intake prototype. We have put together the wheels, and are now working on putting together the gear boxes. We will soon have the parts to put together.”



“The design team this week, completed the robot frame design along with all of the detail drawings. We released the drawings to the build team for them to start building. We are finalizing the gear system and the intake, and will soon be releasing those drawings too, as well as starting to design the controls system to make sure the controls will fit with the current design.”

“This week we finished laying a field outline on the floor to test the robot autonomous code on. We have also created toggle buttons for switching between the front and back cameras, as well as a toggle for the targeting program. We are currently working on a program that find the distance of an object and drives up to that object on its own. After that we are configuring the talons to a master/slave system to ensure smooth accurate driving.”



“This week on the chairman's team we have finished our executive essays. We are now working on our main essay and plan on finishing it as soon as possible, so we can read everything through before submitting the essays on Feb. 9.”

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