

## Build - Week 3 Newsletter

MVRT has officially finished its third week of progress during the Crescendo Season!



Over the course of this week, the mechanical division has been working hard on finishing the practice bot. After machining of the parts was successfully completed, members worked diligently on assembling the shooter and intake components. Both components are still undergoing final revision, and are planned on being mounted in the following days, allowing software to begin testing their code for the mechanisms. Alongside intake and shooter,

climber is making steady progress, and is ready to be assembled over the next couple days.

The software division has been finishing the code for the manual intake, allowing the robot to pick up the notes off the field. They have also started testing the drivetrain on the robot, successfully being able to drive the robot in both field and robot oriented modes. Even more, our programmers have successfully made a logger working to help with the debugging process, allowing members to log values to check where things start to go wrong.



While the engineering side of MVRT has been hard at work making their robot, the operations side has been working on the components of the Impact award. Operations has finished their first draft for the Impact Essay, being ready for editing, as well as having finalized the script for the Impact Video.

This past Friday, MVRT hosted its annual Diversity in STEM Symposium, where various MVRT alumni studying and working in STEM fields came to speak to us about their journey in STEM. We were very grateful to have attended this event and truly enjoyed

hearing from engineers researching fields from soft robotics to electrical and computer engineering. It was truly a great time catching up with alumni and learning how our future careers can unfold!

We would like to express our sincere gratitude to all of the members, parents, mentors, and alumni who have been putting in a lot of hard work and dedication during the build season. We are truly appreciative of all the help and support we have received and are eagerly looking forward to seeing everyone in the upcoming weeks!