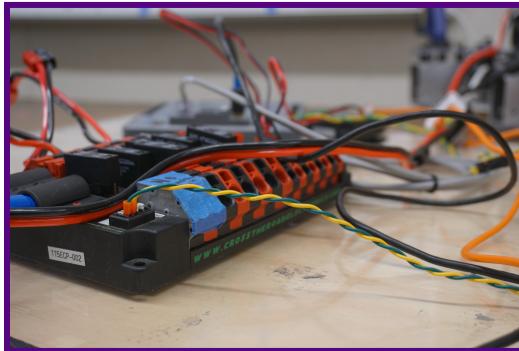


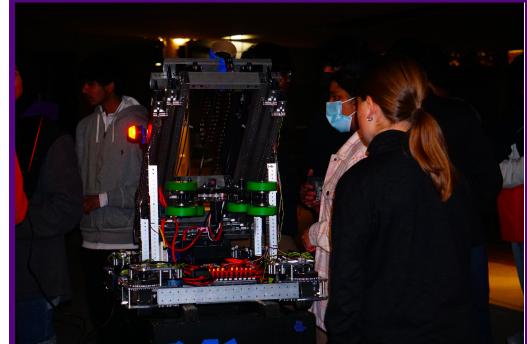
Build - Week 5 Newsletter

From incredible advancements made in our practice bot and code advancements, MVRT started and ended Week 5 strong.



In the course of the week, MVRT made significant advancements in finishing the practice robot. Members in the electrical division finished wiring our practice bot and ensured that all the wiring was done well. Members in mechanical also finished assembling the practice bot, but are still making small changes and tweaks to optimize our robot.

Throughout the week, electrical and mechanical worked hard and with great effort. Mechanical was able to finish the CAD for the comp bot and are currently machining the various parts that are needed for the comp bot. Many rookies participated in this process by cutting metal and assembling parts. Mechanical also made the bumpers for the comp bot.



Team members made lots of progress in software, bringing the robot closer to competition readiness. Software leads and members put a lot of work into testing our practice bot to ensure that everything works. The manual code for the intake and elevator works, but the swerve code is still being optimized to make it more efficient. There have also been big changes for the vision code.

The operational side of the team was working on finishing up all of the components for the FRC awards. The Woodie Flowers Award and Dean's List Award were both submitted after completing the finishing touches. Operations is currently in the process of refining and finalizing the Impact essays and video for the competition.



We really appreciate all of the guidance and support that our mentors, parents, and alumni have given us. We will keep incorporating the suggestions into our practice bot and competition bot. We also want to express our gratitude to each and every one of our team members for their tireless efforts over the last five weeks. We look forward to working to competing in the 2023 FRC Charged Up competition!