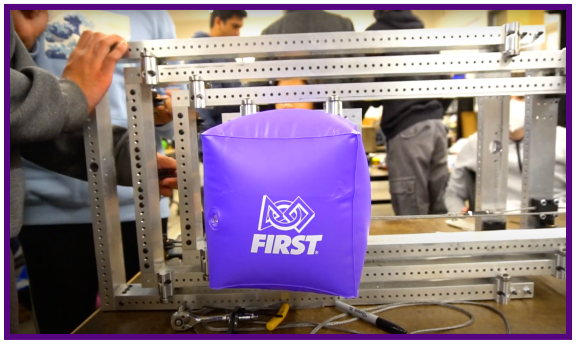
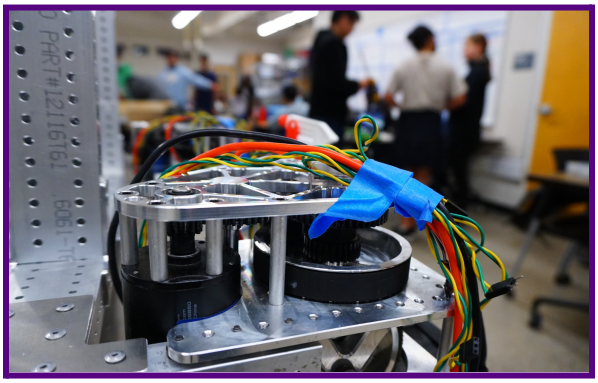
Build - Week 3 Newsletter

MVRT began Week 3 with determination and energy, charged up to overcome any obstacles that this year's FRC competition may present us!



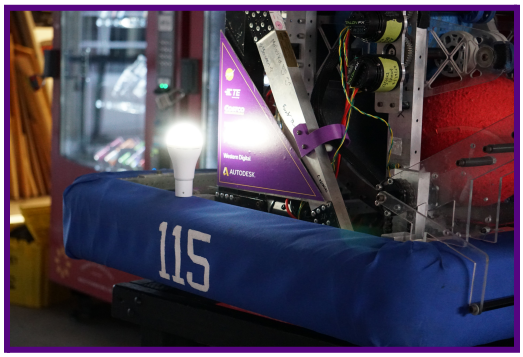
In the course of the week, MVRT made significant advancements in finishing the practice robot. Members finished assembling our three-stage cascading elevator and worked on assembling the elevator onto our practice bot. Members in electrical tested inductive and proximity sensors in order to plan how these sensors will be integrated into the robot.

Electrical and mechanical were working diligently with great effort throughout the week, making sure to put in the necessary time and energy to achieve their goals and objectives. Mechanical was able to machine the comp bot swerve chassis, machine the ground intake, and also start assembling the intake. Electrical was also able to successfully wire the comp bot chasis.



Not only has there been significant advancement in the robot's mechanical and electrical design, but team members have also made great strides in the software division, moving us closer to being fully prepared for the competition. Team members started testing versions of their vision code in order to accurately and efficiently identify various AprilTags while also fixing any issues they encountered. Members also made advancements on swerve drive code in attempts to minimize drifting.

The operational side of the team was putting in a lot of hard work and dedication to get ready for the Impact Award. They were putting the finishing touches on the speech and making sure the essays were polished and ready to present. They were also able to finish recording voiceovers for the Impact Video.



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!