

Build - Week 2 Newsletter

MVRT entered week 2 strong, energized to get our subsystems going!

Throughout the week, MVRT made great strides in the pathway towards finishing practice robot. Specifically, we finished prototyping the ground intake and machining many of the other subsystems. Additionally, MVRT members created a working leveling code, which can even our robot on a platform. We are on track to finish this practice bot by next week!



Our electrical and software team was hard at work this week. Electrical members focused on wiring LEDs that will be put on the robot, setting up the candle so that our robot can drive in style. They are also well underway programming the operator button pad to use as a joystick. Software members focused on perfecting the code for our swerve drivetrain and finishing the localization and vision code for the robot.

To continue furthering our rookie's knowledge in the meantime, many of our rookies took on the job of creating a pneumatics button dispenser, which MVRT will utilize in the pits to dispense buttons and stickers during competitions. Many have also worked on assembling the field elements, which have been finished this week!





Looking into the operational portion of our team, those working on the Impact award made much progress! Rookies and veterans worked together to create the draft of the Impact video script, with voiceovers of the script happening next week. Speakers have also been chosen for the Impact speech, so they started work on the script. The Impact essay, or the last part of the award, is seeing its finish line as well.

MVRT held its annual Diversity in STEM symposium this Friday. During the event, speakers from Polygence were invited to speak to 100+ members of our community about their journey in their STEM careers and provide insight into the struggles of being women in STEM. MVRT was especially ecstatic about hosting Polygence's co-founder, Jin Chow, and would like to extend our gratitude to her and the Polygence team for making this event happen.



We warmly thank all members, parents, mentors, and alumni who have worked tirelessly throughout this past week. During this 2023 build season, we are so grateful for all your help and excited to see what all of you will bring us!