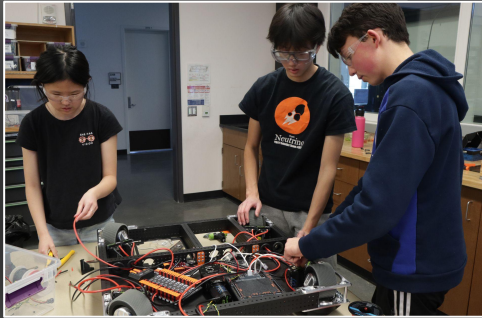


TEAM NEUTRINO

2026 Week 4 Newsletter



Controls

This week, the controls subteam wired the battery connector to the drivebase, tuned the shooter hood PID, and continued working on auton paths! Limelight positions have also been adjusted and we also tested sensors for our spindexer. We're looking forward to wiring the tower after it gets assembled!



Design

The design subteam began assembly on the tower mechanism. We deburred, tapped & painted Fabworks parts that we received this week. We also reviewed the bumper and spindexer CAD. Design also brainstormed battery removal solutions.



Swerve Assembly

Students from both subteams are diligently working on assembling our swerve drive. We have manufactured and spray-painted the belly pan and connected the battery to the drive base. Additionally, we have developed the Swerve code. We are making significant progress toward having a fully functional drivetrain!



Manufacturing

The manufacturing subteam has started production on the CNC and lathe. Many parts of the drivetrain, tower, and intake mechanisms have been produced by the subteam using CNC and lathe techniques. We also received several manufactured parts from Fabworks.