STUYPOST

January 2022 Newsletter

Kickoff

The season kickoff was held on January 8, where the team watched the FRC live stream on Twitch and discussed this season's game manual together. The team also came up with strategies in small groups about what to do and later in the meeting had played a game in which human players replace the robots.



Software Engineering

The software team had taught newbies how to program robots using their small practice robots, or romis. All members coded subsystems and commands for our robot in groups. We programmed the shooter subsystem and tuned the speeds of the shooter and feeder mechanisms.



Marketing

The marketing team began designing the 2022 robotics T-shirt, which includes our sponsor's company names. We are currently working on essays for the Chairman's award, and have submitted the Woodie Flower's and Dean's List Award. We are also working to create an infographic to attract volunteers for FRC competitions.

Engineering





The engineering department made prototypes for each part of the robot, such as the intake, shooter, conveyor, drivetrain, and climber. We held a CAD Marathon in which much of the robot was designed. Once the CAD was completed we began machining parts for construction. For field construction, we built the upper hub, and hanger, and are finishing up field construction.