

2Train Drives Into the 2019 Build Season



The Weekly Roundup

The media and fundraising team is working on a few projects this week. First of all, media team is working on the very prestigious Chairman's award. Media team is planning on finishing a rough draft of the essay portion of the award by next Monday the 21st. Media team plans to start creating their essay for the Woodie Flowers award this Wednesday the 23rd. Starting this week, there will be a daily collection of B-Roll. The collection of B-Roll will be used in a variety of uses from the chairman's video to editions of the newsletter. The fundraising team is going to reach out to more contacts for getting donations on the 20th anniversary journal. If you would like to donate to 2Train, you can contact us on our homepage at 2train395.com

The programming team has made leaps and bounds of progress on our robot this week. They have developed target recognition using limelight. The robot will be able to use the floor patterns to help it turn accordingly. A solid foundation of being able to direct the robot will support the mechanical developments. The team values accuracy of the mechanics over the speed of the robot, being able to score sure points is a priority. From the FIRST kit from kickoff weekend, programming team is building the Chassis Base Kit. They expected this robot to take a while to build, they are proud to have completed it so fast.

The mechanical team has worked on field elements and the prototyping of the physical robot. The field elements that were build this week is the storage bay and loading station. Once the physical robot is built, these field elements will help us practice for competitions. The team developed a ground roller for the robot to help intake hatch panels. An electrical board was prototyped for test driving the robot. Gusset plates were prototypes this week for the construction of the robot. Finally, CAD team prototyped a cargo launcher with angle adjustability.

About Us

We are a FIRST® Robotics Competition team based at Columbia University and comprised of students from both Morris High School Campus in Morrisania and Columbia Secondary School in Harlem. Team 395 provides students with opportunities to pursue their goals in the fields of science, technology, engineering, and mathematics (STEM). This is made possible by our dedicated mentors and amazing sponsors. We want to build a community here at 2Train, we want you to be involved for the ride. You can contact us using any of the following links.

Twitter) <https://twitter.com/frc395>

Facebook) <https://www.facebook.com/2TrainRobotics/>

Official Website) <https://www.2train395.com>

Youtube) www.youtube.com/channel/UClfPWrn7C-w3Kas61GN1zHQ

Snapchat) @frc395

2Train in the lab!

