

JANUARY 2019

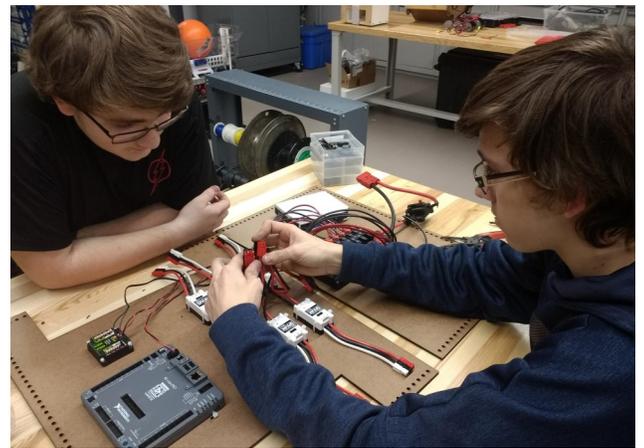


TEAM 930 MUKWONAGO BEARS

WEEK 2/3 NEWSLETTER

ELECTROMECHANICAL

All members of the Electromechanical team have been kept busy during weeks 2 and 3. The CAD subteam has been making steady progress modeling our final robot, and they finished the first drivetrain iteration at the end of Week 3. Meanwhile, the rest of the electromechanical team has been down in the wood shop building all the field elements and machining parts for the first drivetrain based on the schematics CAD has put together.



BUSINESS & STRATEGY



During weeks two and three, the business and strategy teams have been hard at work on creating and editing the Chairman's Essay which has since been completed. Business also has been planning the Robotics Open House night at the Mukwonago High School. The flyers for the event have been made as well. The team t-shirt design has been finalized, as well as our team slogan. The strategy team has researched scouting apps and collected data to make our Regional competitions run smoothly.

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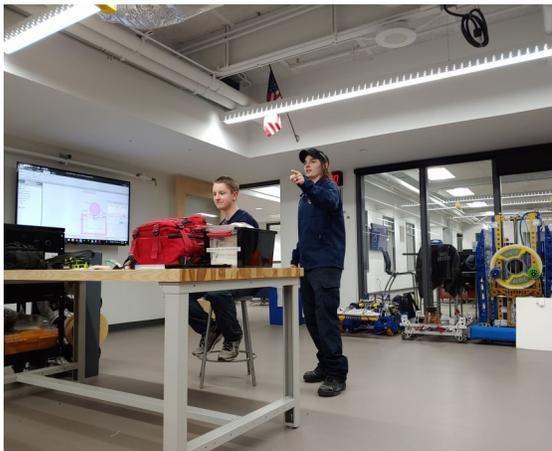
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PROGRAMMING

While the other teams have been focusing on the 2019 robot, the programming team has been using our 2018 drive base to fine tune their vision tracking system. This year's game lends itself quite well to vision tracking, and the programming team has been taking advantage of the new Limelight vision tracking system our team purchased this year. Towards the end of Week 3, they discussed the code standards that are going to be applicable in the coming weeks as they start programming the various subsystems of the robot.



SAFETY TRAINING



Mid-way through the second week of build season, the Mukwonago Fire Department visited Team 930 to give a presentation about safety. They went over how to stay safe while using heavy machinery, and the necessary procedures should injuries occur. All the team leads were present at the meeting along with the safety team, and everyone left the training feeling more confident in their abilities handle emergencies.

UPCOMING EVENTS:

SUSSEX MINI-REGIONAL: FEBRUARY 17 | 12-4PM | SUSSEX HAMILTON HIGH SCHOOL

ROBOTICS OPEN HOUSE: FEBRUARY 19 | 6-8PM | MUKWONAGO HIGH SCHOOL