

# CITRUS CIRCUITS

## NOVEMBER NEWSLETTER

### UPCOMING EVENTS

**MadTown ThrowDown**  
November 8-10

**DYR Tournament**  
November 16

**Girl-Powered Event**  
November 17

### LINKS



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### CAPITAL CITY CLASSIC

On October 18-20, Citrus Circuits members headed down to Pleasant Grove High School in Elk Grove to help host the 2019 Capital City Classic off-season competition along with teams 2073 Eagleforce and 3859 Wolfpack Robotics.

On Friday and Saturday, our team presented our annual Fall Workshops on topics such as strategic design, student leadership, and goal setting. All workshops were live-streamed and can be found on our [Youtube](#) page. On Saturday and Sunday, 45 teams competed against each other in a total of 60 qualification matches. After completing the qualification rounds undefeated, Citrus Circuits advanced onto quarterfinals as captain of the first seeded alliance with teams 2073 Eagle Force, 2643 Dark Matter, and 6662



FalconX. During the finals matches, our alliance defeated the second seeded alliance made up of teams 7419 Tech Support, 5940 B.R.E.A.D, 7528 Nuts and Bolts, and 5458 Digital Minds. Our many student and parent volunteers helped to set up, take event media, serve as referees, and everything they could to make the competition successful.



### WORK ALL DAY PLAY ALL NIGHT

We held our first WADPAN of the 2019-2020 season on October 12, where team members attended an extended meeting and stayed for dinner and games. During the day, students used the extra time to move tools and old robots into The Barn, clean subteam closets, and take inventory. After students worked all day, members enjoyed dinner, card games, and a team kahoot. This meeting was a great opportunity for new members to experience what build season weekend meetings are like and participate in team bonding exercises.

### ARGENTINIAN STUDENTS VISIT 1678

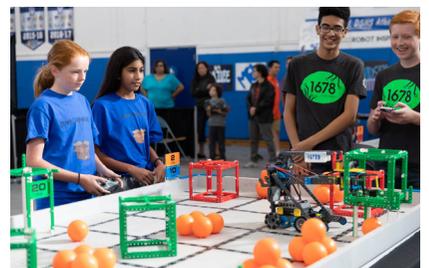
For the second year, a group of STEM students from Argentina visited our facilities through a program put on by one of our sponsors, UC Davis. On October 20, they watched us compete at Capital City Classics and were given a tour of our pit. Anthony, one of our Hardware Fabrication mentors, showed the students our robot and explained what it does from a technical standpoint. A few days later, they visited our facility where they were shown around our fabrication shop and introduced to each subteam. The Argentinian students had a chance to drive our robot and even score some cargo and hatch panels. To give them a



chance to experience the design process, the students were split up into three groups and worked with some of our team members to create a prototype shooting mechanism for the 2017 game STEAMWORKS. Students worked together to build a ball launcher that could score at least one ball into a bin in one minute. Each team had three tries before a winner was revealed. It was an incredible opportunity to show the Argentinian students how our team functions and let them experience what an FRC competition is like. We look forward to having them visit again next year!

### A SUCCESSFUL DYR TOURNAMENT

On October 26, we hosted our first 2019 DYR Tournament at DHS for our DYR League students. Teams played the 2019 VEX IQ game, Squared Away, which includes the use of orange balls, green cubes, and platforms. Each team had three months to build the standard VEX IQ model and make their adjustments to create their competition robot. At the tournament, Citrus Circuits members volunteered as judges, announcers, field resetters, photographers, and scorekeepers. Teams worked together to place orange balls in green cubes and drag them to the scoring area. A total of 38 DYR teams participated in the event and competed in the 100 qualification rounds. In the end, we handed out awards to teams for their effort, robot design, and sportsmanship in the tournament.



### AMAZON SMILE

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