



# CITRUS CIRCUITS

## APRIL NEWSLETTER

### UPCOMING EVENTS

**Houston Championship**  
April 16-21

**Team Party**  
May 18

### SPONSORS

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### OUR 6TH SACRAMENTO REGIONAL WIN

Citrus Circuits competed in the Sacramento Regional, hosted by UC Davis, from March 20-23 at the ARC Pavilion in Davis. Approximately 60 teams came to compete, not only from California, but Nevada, Hawaii, Idaho, and China as well. After our nine qualification matches, we seeded second and were the first pick for the first alliance with teams 1323 MadTown Robotics and 3859 Wolfpack Robotics. During our second quarterfinal match, our robot performed a buddy climb with both of our alliance partners and gained a high score of 120 points. After progressing through the quarterfinal and semifinal matches undefeated, our alliance advanced to the finals and won the regional against the second alliance composed of teams 973 Greybots, 1072 Harker Robotics, and 3250 Kennedy Robotics. In addition, we were awarded the Industrial Design Award sponsored by General Motors, an award that is given to a team that



has an efficiently designed robot that plays the game well. We are exceptionally proud to announce that our Business and Media lead, Katie Stachowicz, won the FIRST Dean's List Finalist Award, a prestigious award that celebrates FIRST students who are influential role models on their team.

### CITRUS CIRCUITS WINS THEIR THIRD REGIONAL

On April 3-6, our team competed in our last regional of the competition season, the Aerospace Valley Regional, a new competition for us this year. It took place from April 4-6 in Lancaster with 37 teams from California, Nevada, Switzerland, and Turkey. After progressing through the qualification matches undefeated and achieving a 3.75 out of 4 ranking score, we seeded first and chose 3476 Code Orange as our alliance partner along with 2637 Phantom Catz. Our team made it all the way to finals and secured our third regional win against 2659 RoboWarriors, 5012 Gryffingear, and 6072 Triton Tech. We were awarded the Excellence in Engineering Award sponsored by Delphi, an award that celebrates an elegant and advantageous machine feature. With this Regional over, our next competition is the FIRST Championships in Houston, Texas, from April 16 to 20.



### ROBOCAMP UPDATES

This summer, Citrus Circuits is hosting six weeks of RoboCamps at the Davis Senior High School. Camps include Introductory/Intermediate, Intermediate/Advanced, Girl Powered, and Advanced Programming. Limited space is still available for weeks one, two, and six, the Introductory/Intermediate, Intermediate/Advanced, and the Advanced Programming camps. Throughout the Introductory/Intermediate and Intermediate/Advanced weeks, campers will work in pairs to build their robot, program automated robot routines, and drive their robot on the game field. At the end of the week, campers will compete in the Team Challenge and Auto-challenge and awards will be given out to campers who do the best in each challenge. The Girl Powered camp is similar to the intermediate weeks except it is exclusively for girls and has an all female staff. The Advanced Programming week will focus more on the programming side by implementing the ROBOTC programming language and will challenge campers to use sensors, motor encoders, and advanced programming logic. These camps help promote STEM in the Davis community and inspire students to further explore robotics.



### 1678 DONATES EQUIPMENT TO HONDURAS ROBOTICS CLUB

During the month of January, a team representative went to Santa Barbara, Honduras, to help run a robotics camp for orphans. The volunteers who ran the camp partnered with the Honduras robotics club who builds robots for a competition similar to the way our team does. Because of our affiliation with them, they sent us a list of equipment they needed to help keep running and expand their club. In response, we sent some of the equipment they asked for and will be working to send additional equipment and find sponsors to help support them.

