

CITRUS CIRCUITS

FEBRUARY NEWSLETTER

UPCOMING DATES

Robot Reveal Night
February 28

CA District Half Moon Bay Event
March 6-8

CA District Sacramento Event
March 20-22

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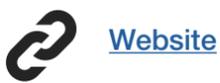
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OPEN HOUSE ROBOT DEMO

On January 29, we held our first robot demonstration of the year at Davis Senior High School's annual Open House! Students and families had the opportunity to interact with our 2022 robot Margie, learn about our robotics CTE pathway classes at the high school, and explore the team and what we do. We are continuing to expand the ways we interact with our community and encourage kids to be excited about STEM and robotics.



WISE EVENT

We held our February 7 WiSe event at the Vacaville Town Square Library. A group of female volunteers led young girls through activities including the GraviTrax marble run system, slime, and straw towers. We doubled last year's attendance, welcoming 15 participants to this event. We will host another WiSE event with the same activities in the Mary L. Stephens Library on February 27.



COMPETITION SEASON PREVIEW

The 2026 season marks our transition to the new District system. At each event, teams earn ranking points based on their robot performance, awards, and playoff results. Teams that earn enough points across their two events will qualify for the District Championship, where they'll compete for a limited number of advancement spots to the FIRST Championship.

We will be competing at two separate District events: CA District Half Moon Bay, from March 6 to 8, and CA District Sacramento, from March 20 to 22. We are looking forward to this exciting new season!

ROBOT REVEAL NIGHT

Our annual Robot Reveal Night will be held on Saturday, February 28, at 5 p.m. Families, community members, and sponsors will all have the opportunity to visit our robotics facility to learn about this season's game, view a demonstration of our 2026 competition robot Limestone, and tour our shop. We look forward to seeing you there!

NEW ROBOTICS COURSE

The Davis High School robotics pathway recently added a new course that will provide students with a comprehensive introduction to the interdisciplinary field of Mechatronics, combining electronics, hardware design, and mechanical engineering. The emphasis of this course is to provide students with a fun, hands-on experience where they will work both independently and in small teams to explore Computer Aided Design (CAD) and Computer Aided Manufacturing (CAM) on Fusion or related software. Students will be given several design challenges, incorporating the design process, and ultimately having a final competition or project. Additionally, students will learn important soft skills and engineering concepts that include workspace safety, teamwork and organization, and data collection/logging. Students will also work on learning manufacturing and automation skills using the CTE VEX cell or similar hands-on platform.



ROBOCAMPS

RoboCamps registration opens on March 11 at 7 p.m.! RoboCamps are week-long summer camps for incoming kindergartners through eighth graders interested in robotics and STEM. Each week, trained counselors will guide and support campers through an immersive hands-on experience, teaching students to design, program, and operate small robots. At the end of the week, campers in most of the programs will showcase their finished robots in a friendly competition. Visit www.citruscircuits.org/robocamps for more information!



DINNER IN THE VINEYARD FUNDRAISER

Mark your calendars for May 16 and join us for our first ever fundraising dinner at the Kurtural Family Vineyards in South Davis. This inaugural event will feature a catered dinner, wines from Kurtural Family Vineyards, a raffle, and silent auction. This is a great opportunity to get some friends together for a special night in the vineyard that also supports Citrus Circuits. Look for more information on tickets soon!