



# LAWRENCE TECHNOLOGICAL UNIVERSITY ROBOFEST

Robofest eNewsletter 05-23-24

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Note: All times are listed in EDT unless noted

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## **(1) 2024 Robofest World Championship Wrap Up**

Thank you to all for an incredible Robofest season!! Congratulations to all the teams who participated in the Robofest World Championship Finals and Open Categories. The official press release from the LTU News Bureau can be found at: <https://www.ltu.edu/content/news/teams-from-ghana-hong-kong-jordan-mexico-taiwan-usa-take-top-spots-at-ltus-robofest-world-championships>

The complete list of winners is posted on the [World Championship](#) page on the Robofest website.

We have uploaded the final scores to each event page under \*files\* (go to Registration) so you can see the final results.

Any teams that are interested in purchasing duplicate trophies for team members, our trophy vendor will be taking more orders. Contact [kdakathy@gmail.com](mailto:kdakathy@gmail.com).

## **(2) Student, Coach, and Volunteer Surveys**

Each year, we assess the efficacy of STEAM education through Robofest robotics. An email was sent out to every coach on Sunday May 19 from Robofest Founder & Executive Council Chair Dr. CJ Chung who volunteers to evaluate Robofest programs.

We ask that the coaches please forward the email with the URL and ask your student team members who participated in Robofest to take an anonymous post-survey online. Please note that Robofest does not send survey emails directly to student participants.

Coach survey emails were also sent from Dr. Chung on Monday, May 20. Volunteer survey emails will be sent shortly. We are very interested in hearing what Coaches and Volunteers have to say about the Robofest experience, so please remember to submit your survey so we know where improvements can be made. If you do not receive the email with the student post-survey or Coach/Volunteer survey link, please contact the Robofest office: [robofest@ltu.edu](mailto:robofest@ltu.edu)

## **(3) Summer Day Camps**

Tuesday, June 25: BottleSumo for LEGO SPIKE Prime with Scratch

Wednesday, June 26: Game Skills for LEGO SPIKE Prime with Scratch

These one-day summer camps with a mini competition are designed for students to get hands-on experience with LEGO SPIKE Prime robots AND experience the thrill of putting what they have learned to the test. Hosted at LTU, in the Computer Science Robotics Lab, Room J234 (building 8 on the [LTU Campus Map](#))

Each camp runs from 9:00 am to 3:30 pm. Registration fee is \$20 per participant. Students register individually, and will be formed into teams of 2 or 3 students. A robot and laptop will be provided for each team.

Camp agendas and additional information can be found under \*Get Involved/Camps\* on the Robofest.net website.

#### **(4) One-week Summer Camp for LTU College Credit: C WITH ROBOTS**

July 22-26, 2024, 9:00 am~4:00 pm

C stands out as one of the most widely used programming languages. This intensive camp course covers essential C programming skills, including variable types, conditional statements, loops, arrays, functions, formatted input/output, file operations, and more. A distinctive feature of this camp is the hands-on application of acquired skills to solve robotics problems. Students will actively engage in writing C code for VEX IQ robots, incorporating various sensor types and actuators. The camp course includes 5+ assignments, a project, a quiz, and a final exam, providing a comprehensive learning experience. LTU's Computer Science bachelor's programs require two MCS1111 coding club classes and this camp will satisfy one of them.

To register, go to: <https://apply.ltu.edu/register/mcs1111summer24>

#### **(5) Robofest 2024 Appreciation Dinner Scheduled**

Save the Date: Thursday, August 22, 5:30 pm~7:00 pm. We are hosting our Site Host, Volunteer and Coach Appreciation Dinner at LTU in the Computer Science Robotics Lab, Room J234. In addition to dinner, we will have some giveaways, share our wrap-up video and season statistics, and announce plans for the 2025 Robofest season. We hope you can join us!

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Lawrence Technological University / Robofest / J-233 / 21000 W. Ten Mile Rd, Southfield, MI 48075

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