



Robofest eNewsletter 07-11-24

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Note: All times are listed in EDT unless noted

[\(1\) Seeking Part Time Robofest Staff Member](#)

The Robofest Office at Lawrence Technological University is searching for a **part-time** Coordinator to join the team. This on-campus staff position has flexible hours (average 5-10 per week) with some evenings and Saturdays. US Citizenship or permanent residency is required. The ideal candidate has Microsoft Office and Google app knowledge, as well as some autonomous robotics experience as a coach or participant. This position is eligible for LTU Educational Assistance Program for the individual and dependents (some restrictions apply). Contact the Robofest Office (robofest@ltu.edu) for more information.

[\(2\) Robofest 2024 Appreciation Dinner Scheduled](#)

Save the Date: Thursday, August 22, 5:30 pm~7:30 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. A RSVP form will be emailed soon. We hope you can join us!

[\(3\) One-week Summer Camp for LTU College Credit: C WITH ROBOTS](#)

Space is still available! July 22-26, 2024, 9:00 am~4:00 pm, Lunch provided
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>

[\(4\) Introduction to C with Robots Dual Enrollment Class for Fall 2024 Semester](#)

An introduction to C Programming language using VEX IQ Robots is now offered through LTU's Dual Enrollment program for local High School students. The 2-credit class, instructed by Professors Elmer Santos and CJ Chung, runs on Tuesdays from 8:20 am to 10:00 am. Interested students should have completed intermediate algebra/geometry. Contact Professor Santos (esantos@ltu.edu) or the LTU Admissions office (specialadmit@ltu.edu) for more information.

[\(5\) 2025 Season Kickoff and World Championship Dates Announced \(Tentative\)](#)

The Robofest 2025 Season International Rules will be released on Saturday, **September 28, 2024**. We will host a series of kickoff meetings to review the rules for clarification prior to the US release in November. All rules will be finalized in January 2025.

The kickoff meetings will be held:

Friday, October 4, 2024 9:00am ~ 10:30am (Zoom only)

Thursday, November 7, 2024 7:00pm ~ 8:30pm (Zoom only)
Saturday, January 11, 2025 10:00am ~ 11:30 am (In person and Zoom)

The 26th Robofest World Championship will be hosted on the campus of Lawrence Technological University on **May 15, 16 and 17, 2025**

(6) Fall UMC Scholarship Competition and Workshop for High School Students

Robofest is hosting our second annual Unknown Mission Scholarship Challenge this fall for High School students to compete to win a \$17,000 Annual LTU Scholarship. Individual students will be challenged to build and program a robot kit to solve a task in a limited amount of time. The registration fee is \$25. Review the 2024 UMC Rules on the UMC page for the list Robot Kits allowed:

<https://www.robofest.net/index.php/current-competitions/unknown-mission-challenge>

Competition: Sat, Nov 2, 2023, 1:00 PM ~ 5:00 PM

At Lawrence Technological University, Robofest Lab, J234

21000 West 10 Mile Road, Southfield Michigan 48075

Building No. 8 on the LTU campus map: <https://www.ltu.edu/about/map> Use parking lot E.

A free workshop has been scheduled for registered students to prepare for the competition using VEX IQ robot kits and VEXCodeIQ. Students who attend this optional UMC workshop may borrow a VEX IQ robot kit for the competition on November 2.

Workshop: Sat, Oct 19, 2024, 1:00 PM ~ 5:00 PM

At Lawrence Technological University, Robofest Lab, J234

Registration links for the workshop and competition will be opened on the Robofest registration site after September 1.

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

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