

LAWRENCE TECH

Founded in 1932 on the site where Henry Ford perfected the moving assembly line, Lawrence Technological University offers over 100 undergraduate, master's, and doctoral programs in Colleges of Architecture and Design, Arts and Sciences, Business and Information Technology, and Engineering. With a focus on leadership through theory and practice, Lawrence Tech seeks to help students understand not only why something should work, but also how it works in real-life situations. Consequently, many of the University's programs encourage students to participate in professional projects in which they solve real problems facing practicing architects, engineers, managers, and scientists. Through co-ops, part-time work, internships, student projects, and participation in professional organizations, students network with leaders in their chosen fields.

This approach gives LTU students a competitive edge.

92%

Students employed or registered for graduate school at commencement

5th

in nation for boosting graduates' earning potential
—Brookings Institution

TOP 11%

Highest graduate starting salaries among U.S. colleges and universities —PayScale

Lawrence Tech integrates the capstone design project with the competition teams, resulting in an eight-month period in which to design and build. Not all institutions do this. The benefit of this restricted time frame is to reflect real-world deadlines and simulate engineering work situations.



THE TEAM



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Lawrence Technological University



blue devil
MOTORSPORTS
LAWRENCE TECHNOLOGICAL UNIVERSITY



Lawrence Tech has participated in this competition for over 25 years. As engineering students continuing this tradition, the Baja SAE® team strives to design, fabricate and test a dominant single-person off-road vehicle. The team's members are driven and motivated to gain the invaluable engineering experience they will need in the profession.

DONOR INVOLVEMENT

The success of Lawrence Tech's Baja SAE® team would not be possible without the generous help of donors and sponsors. The team seeks support to reach a fund-raising goal of \$35,000 to purchase the materials needed to design, build, and test the vehicle. Individual or company donations can take the form of money, materials, or equipment.

DONOR BENEFITS

Most donations are 100% tax deductible. Your donation not only supports education, but it also provides you with valuable promotional opportunities. Your name or your company's name will be displayed at the competition and in the team's printed materials and press releases, giving you exposure at the automotive events in which the team participates. For a company, participation provides exposure to the automotive and racing industries and promotes your business to the general public and future engineers and designers.

To donate, scan the QR code or visit www.ltu.edu/motorsports



CAREER-DEFINING EXPERIENCE

LTU's Baja SAE® team is optimistic about the 2021 competition that will pit it against many of the world's finest universities. In the process, Lawrence Tech students put classroom theory into practice, develop the teamworking skills so valued in modern manufacturing and design, and create a vehicle that aims to outperform and outclass the competition. The real-world lessons learned result in savvy, competent professionals who are frequently cited for 'hitting the ground running' by their employers.



WHAT IS BAJA SAE®?

Each year, Lawrence Technological University engineering students participate in Baja SAE®, a competition in which they design and build an off-road vehicle that will survive the severe punishment of rough terrain. The students vie against more than 100 other teams in the competition, which provides SAE International student members with a challenge that involves the real-world planning and manufacturing tasks encountered when introducing a new product to the consumer market.

Teams compete against one another to have their design accepted for manufacture by a fictitious firm. Students must function as a team to not only conceptualize, design, build, test, promote, and race a vehicle within the limits of the rules, but also to generate financial support for their project and manage their educational priorities.

TEAM BENEFITS

Lawrence Tech's Baja SAE® team benefits from this endeavor by gaining valuable practical experience and knowledge in the following areas:

- Communication
- Decision Making
- Engineering
- Leadership
- Logistics Planning
- Organization
- Teamwork