11096

Team 34743A

Saugus Robotics

Sponsorship Information

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About our Program

We're **Saugus Robotics**, made up of ***FIRST* Robotics Competition** team #11096 and **VEX Robotics** team #34743A, both based at **Saugus High**, leveraging its machine shop. Our mission is to educate and empower students of all skill levels through **hands-on engineering, design, and teamwork** as we build and compete with custom robots. We are committed to creating a sustainable, student-driven robotics program that develops **real-world skills** for future careers. By supporting us, you help provide students with access to transformative STEM experiences and the resources they need to innovate and succeed.

About our FIRST and VEX Teams

Team 11096 (known as "Δt") is a ***FIRST* Robotics Competition** team going into our second competition season. Our nickname, "Δt" is inspired by a physics term: change in time. For 2027, we took over Team 3993's parts inventory from Hart High School and will compete at the Channel Islands and San Gabriel Valley district events.



Our Shared Workspace

Team 34743A is the only **VEX Robotics** organization in the Santa Clarita Valley. We compete in more competitions, but at a smaller scale. Both of our programs welcome students of all skill levels and connect them with experienced mentors, creating an environment in which young engineering students can thrive.

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Our 2026 Season

Team 11096's rookie season brought together students from Saugus, Hart, Canyon, Golden Valley, West Ranch, and Rancho Pico Jr. High. Working in programming, design, manufacturing, and business subteams, we built our first robot and competed at two FIRST California district events.





Los Angeles District

17th of 42

6–4–1 qualification record

Aerospace Valley District *17th of 34 · 6–6–0 record*

Rookie All-Star Award

Honors the rookie team with a young but strong partnership effort that inspires students in STEM.

2
District events

150+
Hours of build & meetings

20
Students and growing

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What is FIRST?

The FIRST Robotics Competition (FRC), called a “sport of the mind” is a global program where high school students build industrial-sized robots that drive, shoot, climb, and more, to solve an annually released game challenge.

In just six weeks starting every January, student teams, guided by experienced mentors, design, machine, wire, and program fully custom robots while also running fundraising, branding, and outreach.

FRC is similar to Formula SAE but at a high school level, and gives students firsthand experience with the tools, pressures, and collaboration found in professional industries. Through the program, students are also able to access nearly $80M in scholarships annually.



2025 FIRST Championship

Quick Facts:

- 3,724 Teams (2026)
- Over 90,000 students worldwide (2025)
- 3v3, 2.5min match structure
- Robot weight: 115lb
- Robots freshly designed every season
- Intensely competitive 600 team world championship

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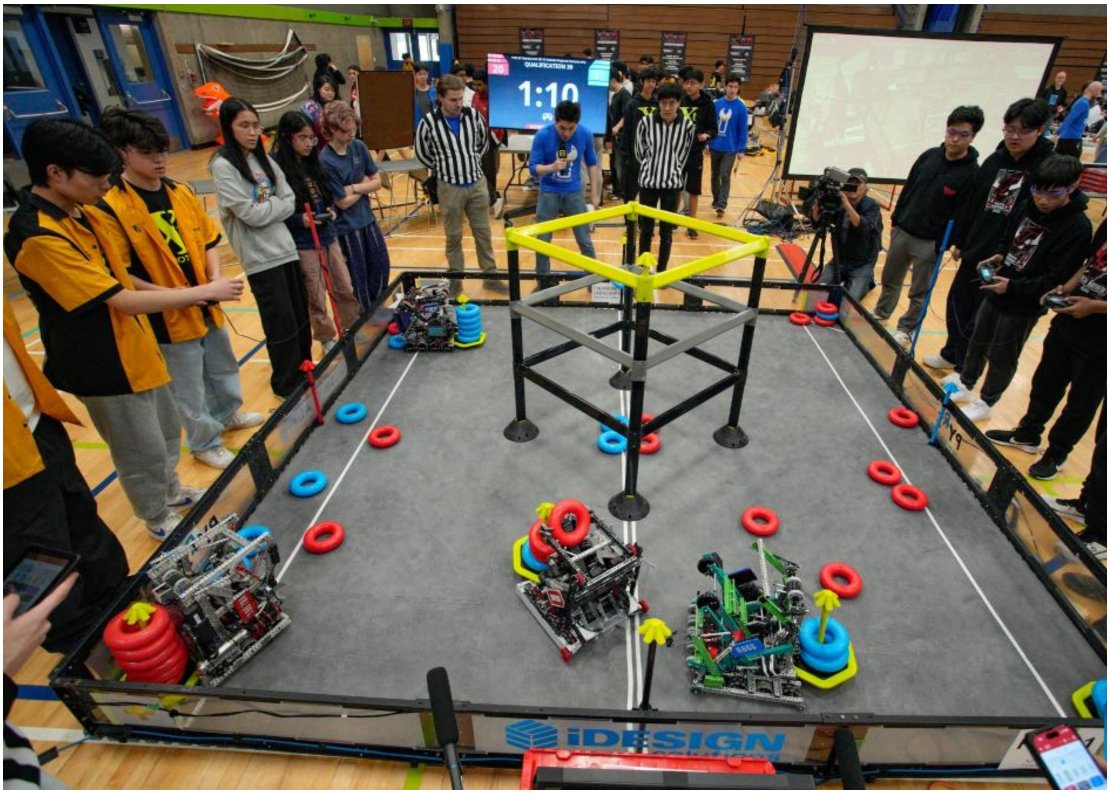
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What is VEX?

The **VEX V5 Robotics Competition** is the largest and most prestigious global robotics program, where high school students build a robot to complete a multitude of tasks. Over the course of the year, student teams build and refine their bot to improve the efficiency and quality. This length of time enables students to fully immerse themselves and become experts, such as in a sport. A new game is released the same day as the old season ends, meaning that there is never a lapse in learning, building, and developing.

Each season's game features intricate field elements like towers, goals, and stacking challenges. They are similar in mechanics but at a smaller scale than FIRST, allowing for a more accessible level of competition.



Quick Facts:

- 14,000 Teams
- Over 56,000 students worldwide
- 2v2, 4 minute matches
- The robots can also compete solo in skills competitions.
- Every season a new game is announced with brand new obstacles for students to overcome.

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Through FIRST:

90%
Complete a college degree

41%
Major in engineering

93%
Gained mechanical or technical skills

98%
Improved problem solving skills

Source: FIRST 10 Year Longitudinal Study

Students will:

- Apply engineering tools such as CAD/CAM software to design and build competitive robots
- Learn real world coding and problem solving
- Lead projects, organize tasks, and manage time under real deadlines
- Create media, graphics, and branding
- Build confidence and leadership skills
- Present and communicate ideas effectively

Students on our FIRST team build workforce-ready skills in multiple disciplines. They learn CAD/CAM software like Onshape and Fusion 360 at a high level to design complex robots, then learn to operate industrial machines such as saws, lathes, mills, and laser cutters to make them. Programming wise, students develop proficiencies in real-world technologies including PID control, I^2C sensors, and CAN communication.

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Program Budget

Our FIRST team will compete at 2 district events and, if we qualify, the District Championship. Our VEX team aims to attend at least 5 tournaments, with hopes of qualifying for the state championship. Each tournament is priced at about $100-$150, with the cost of States being about $300.

Season Registration: **FIRST $6,500 | VEX $1,125**

Paid to *FIRST and the* Global Robotics & Science Foundation (VEX) annually for official season participation. FIRST covers 2 district events (District Championship is an extra $4,000). VEX covers the $200 team fee, 5 tournaments, and states.

Construction Materials: **FIRST $2,000**

Materials used to build our robot as well as self-made equipment, including: polycarbonate sheets, aluminum sheets & box tube, and wood for prototyping and field elements.

Off-the-shelf Components: **FIRST $5,000 | VEX $2,000**

This includes components such as fasteners, gearboxes, and competition-specific control system electronics & motors. This expense was frontloaded for our first year, and the vast majority of purchased components are being reused.

Additional Equipment: **FIRST $1,000 | VEX $250**

Equipment that we don't have access to from our school, including transportation equipment to move our robot and event equipment that we need to have available at competitions.

Miscellaneous expenses: **FIRST $1,000**

Extra expenses, including but not limited to: team t-shirts, branding, software subscriptions, and unanticipated purchases.

Season total: **FIRST $15,500 | VEX $3,375**

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Sponsor Tiers

Diamond Sponsor - **$3,000+**

- Prominent company logo on robot
- Largest logo on pit banner and t-shirts
- Student-created recognition piece
- All benefits from Gold

Gold Sponsor - **$1,500-$2,999**

- Large logo on pit banner
- Logo at our workspace
- Company logo on robot
- Company logo on t-shirts
- Company logo and tier on webpage
- Instagram shoutout

Silver Sponsor - **$750-$1,499**

- Logo on robot and t-shirts
- Logo on pit banner
- Company logo and tier on webpage
- Instagram shoutout

Bronze Sponsor - **$250-$749**

- Company name on robot
- Name on pit banner
- Company logo and tier on webpage
- Instagram shoutout

The value of in-kind donations (as well as $500 per mentor brought in through your organization) counts towards these levels. We're happy to work with you on other specific benefits. Let us know what matters most to you, and we'll try to make it work!

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Why support us?

Saugus Robotics is fully run on the generosity of donors. Supporting us is an investment in the future of STEM in our local community. Sponsors play a direct role in empowering students to solve complex problems, innovate, and grow as leaders.

In return, sponsors receive visible recognition on our robots, team shirts, media, and at events, showcasing your commitment to education and the community. Thanks to our fiscal sponsor, we are able to accept tax-deductible 501(c)(3) donations and make our finances transparent, so you'll know exactly how your donation is used.

How you can help:

Funding: Financial contributions help cover competition registration, materials, equipment, and other team expenses.

Mentorship: Industry professionals and skilled volunteers who can guide students in engineering, programming, business, and outreach.

Services: Manufacturing support through services like aluminum sheet metal cutting and bending, CNC milling, powder coating, or anodization.

In-Kind Donations, including but not limited to:

- **Hand and power tools**
- Electrical components (wiring, connectors)
- Aluminum, polycarbonate sheets & tubing
- Ball bearings
- Used machines (contact us)
- **Fasteners (10-32, ¼-20)**
- Wood
- HTD Belts (5mm pitch)
- FDM filaments
- Safety equipment

For our current parts list, contact Bryce Lee (mentor) at brycel@frc11096.org.

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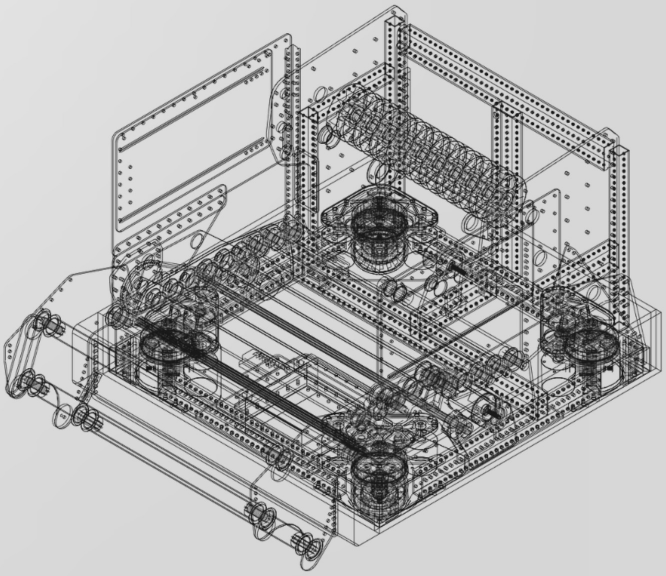
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Thank you to our 2026 season sponsors!

Our competition robot

for the 2026 *Rebuilt* season



ADEPT FASTENERS

City of SANTA CLARITA

ARGOSY FOUNDATION

P&H Metal Products Corp.

GENE HAAS FOUNDATION

Special thanks

Saugus High School

Join them for 2027

Sponsorship details and live finances:
sponsor.frc11096.org

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