

Valence Robotics
FRC Team 8429
valencerobotics@gmail.com

Thank you for your interest in Valence Robotics! We appreciate you taking the time to learn more about our program.

Team Snapshot

FIRST Team 8864 was founded in October 2021 as a nonprofit organization. Our team was established on the core values of inclusion, connectivity, cooperation, and perseverance. We are based around the North Carolina School of Science and Mathematics, although we operate as a separate entity. This provides a valuable opportunity for our members to be from counties all across the state of North Carolina, allowing us the chance to pull from students of all backgrounds, experiences, and perspectives. Our team name, Valence Robotics, comes from our fundamental goal to not only be at the very edge and forefront of the community but, also, form connections with others all across the world.

Valence Robotics Mission Statement

Our mission at Valence Robotics is to do the impossible. We strive to provide a diverse high school community with confidence-building opportunities to grow and become active members in science, technology, engineering, art, and math through the FIRST Robotics Competition. We aspire to lead these driven students through an experience where they gain well-rounded life skills such as communication, leadership, and teamwork to explore new fields in our program for students, by students.

What is FIRST?

Valence Robotics is a part of FIRST (an acronym for For Inspiration and Recognition of Science and Technology), an organization dedicated to inspiring students through direct experience in science and technology. The organization was founded in 1989 and, since then, has developed innovative programs that encourage students to build both hard and soft skills in branding and fields of STEM while simultaneously developing an appreciation for this world as a whole.

As a newly established team in Durham, North Carolina, we are looking to make a positive impact for both the local community and counties all across North Carolina. Our students hail from locations across the state, placing us in a unique position to expand the potential area of influence beyond local constraints.

However, the process of building a team from the ground up is not an easy task. The path from our first kit of parts to a fully-fledged, 150-pound robot over the span of six weeks comes with its own set of expenses and stressful moments. Yet, through this program, students are able to participate in a priceless opportunity to take charge of the business, design, and engineering process from start to finish.

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As a FIRST Robotics team, there are many costs associated with establishing and maintaining a team. Below is a list of specific items the team is fundraising money for, in addition to the general costs associated with running the team.

Team Income	Cost
Sponsorships and Grants	\$25,000.00
Donations	\$2,000.00
Team Outreach and Fundraisers	\$3,730.00
Total	\$30,730.00
Team Expenditure	Cost
FIRST Districts (Events)	\$5,000.00
Kit of Parts	\$1,000.00
District Championship	\$4,000.00
Mechanical Parts (Robot)	\$4,500.00
Controls (Robot)	\$2,500.00
Machine Parts and Tools	\$2,000.00
Travel Costs	\$1,500.00
Buildspace Costs	\$10,000.00
Marketing	\$500.00
Team Outreach Event Expenditures	\$1,230.00
Total	\$30,500.00

Additional Opportunities for Support: Mentors

Mentor Roles	Role Description
Mechanical	Facilitates students' safe construction of the robot during build season and gives technical advice on design.
Engineering Design	Facilitates students' CAD and robot design process (including prototyping).
Electrical	Ensures safety in electrical wiring and gives feedback on the layout of robot circuitry to fit needs.

Programming	Provides technical expertise to advise and troubleshoot software.
Strategy	Advises the team with game strategy and facilitates event scouting responsibilities.
Finance	Assists the team with finances, legal items, and the business plan.
Marketing	Helps the team with outreach, fundraising, promotional materials, and websites.

Sponsorship Benefits

Helium Tier Sponsor (\$5,000.00+)

- Large business logo on shirt (worn by team members at events and tournaments)
- Large business logo on website and link to sponsor's page
- Large business logo on banner
- Large business logo on Valence robot
- Three team shirts
- Thank you plaque and letter at end of the season, along with regular sponsorship updates

Neon Tier Sponsor (\$1,000.00 - \$4,999.99)

- Medium business logo on shirt (worn by team members at events and tournaments)
- Medium business logo on website
- Medium business logo on banner
- Two team shirts
- Small business logo on Valence robot
- Thank you plaque and letter at end of the season, along with regular sponsorship updates

Argon Tier Sponsor (\$500.00 - \$999.99)

- Medium business logo on shirt (worn by team members at events and tournaments)
- Medium business logo on website
- Small business logo on banner
- Small business logo on Valence robot
- Thank you letter at end of the season and regular sponsorship updates

Krypton Tier Sponsor (\$150.00 - \$499.99)

- Small business logo on shirt (worn by team members at events and tournaments)
- Small business logo on website
- Small business logo on Valence robot
- Thank you letter at end of the season and regular sponsorship updates

Xenon Tier Sponsor (\$50.00 - \$149.99)

- Small business logo on shirt (worn by team members at events and tournaments)
- Small business logo on website
- Thank you letter at end of the season and regular sponsorship updates

Radon Tier Sponsors (\$5.00 - \$49.99)

- Thank you letter and regular sponsorship updates

FRC Robotics Team Exclusive Benefits (\$150.00+)

- Team logo sticker on Valence robot
- Valence Robotics swag bag for team (including but not limited to a shirt, stickers, and buttons)

Members of the team will give a complimentary presentation to a small/large group of people providing more information about the team.

Sponsorship Pledge

valencerobotics@gmail.com

Dear Business Owner or Patron:

Thank you for your pledge to support our FIRST Robotics Team, Valence Robotics. Our team will reach out to the primary contact given below. If you have any questions or concerns, please feel free to contact our team at the email address above.

Pledge for Sponsorship: You have agreed to support our team in the FIRST Robotics Competition at the following level:

- | | | |
|--|-------------------------|----------------------------|
| <input type="checkbox"/> Helium Sponsor | \$5,000.00+ | Contribution Amount: _____ |
| <input type="checkbox"/> Neon Sponsor | \$1,000.00 - \$4,999.99 | |
| <input type="checkbox"/> Argon Sponsor | \$500.00 - \$999.99 | |
| <input type="checkbox"/> Krypton Sponsor | \$150.00 - \$499.99 | |
| <input type="checkbox"/> Xenon Sponsor | \$50.00 - \$149.99 | |
| <input type="checkbox"/> Radon Sponsors | \$5.00 - \$49.99 | |
| <input type="checkbox"/> Other | \$ _____ | |

Date: _____ Student Contact: _____ Student Phone #: _____

Valence Robotics is a registered nonprofit organization according to the 501(c)3 standards. Donations may be tax deductible.

----- **TEAR OFF & RETAIN FOR TEAM RECORDS** -----

Company or Sponsor Name: _____

Primary Contact Name: _____

Mailing Address: _____

City, ST Zip: _____

Phone #: _____ Company Website: _____

Email: _____

Sponsorship Pledge:

- ☐ Helium Sponsor (\$5,000.00+)
- ☐ Neon Sponsor (\$1,000.00 - \$4,999.99)
- ☐ Argon Sponsor (\$500.00 - \$999.99)
- ☐ Krypton Sponsor (\$150.00 - \$499.99)
- ☐ Xenon Sponsor (\$50.00 - \$149.99)
- ☐ Radon Sponsors (\$5.00 - \$49.99)
- ☐ Other \$ _____

(For team administrators) This pledge has been resolved.

Date: _____ Administrator Signature: _____

In Kind Donation Form

valencerobotics@gmail.com

Dear Business Owner or Patron:

Thank you for your pledge to support our FIRST Robotics Team, Valence Robotics. Our team will reach out to the individual listed in the contact information below.

Donor Name: _____ Accepting Team Member: _____

Address: _____

Description of Item(s) Donated: _____

Fair Value of Item(s): \$ _____

Date: _____ Student Contact: _____ Student Phone #: _____

----- **TEAR OFF & RETAIN FOR TEAM RECORDS** -----

Company or Donor Name: _____

Primary Contact Name: _____

Mailing Address: _____

City, ST Zip: _____

Phone #: _____ Company Website: _____

Email: _____

This confirms that the item(s) listed above were given by the donor to Valence Robotics. No goods or services were received in exchange for the donation. Valence Robotics is recognized as a non-profit organization.

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