

ECG Robotics

Sponsorship Packet

ecgrobotics.org

 @ecg.robotics

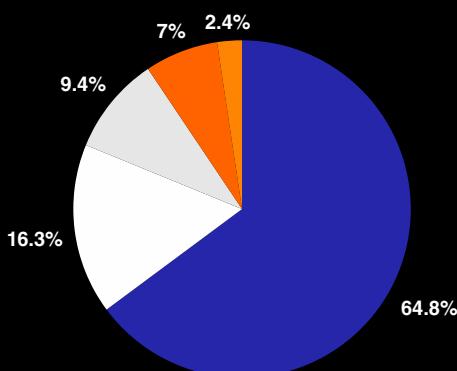
Who are We?

We are ECG Robotics, a student-led, nonprofit high school robotics organization based in Greensboro, NC. For over 21 years, we've been inspiring the next generation of engineers and innovators across the Piedmont Triad area.

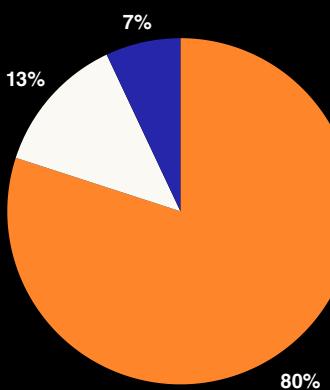
ECG Robotics has become a leader in youth innovation. We actively engage with our community through outreach events such as live demonstrations, STEM workshops, and partnerships with schools and local organizations, spreading awareness and excitement about technology and engineering throughout the region.



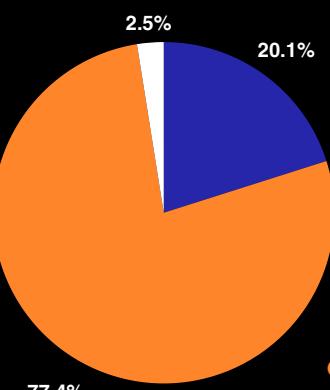
Our mission is to inspire and prepare students for futures in science, technology, engineering, and math (STEM) by providing hands-on learning, mentorship, and opportunities to compete in robotics competitions like FIRST. We create a safe, engaging environment where students connect with industry professionals, build technical skills, and are encouraged to pursue higher education and STEM careers.



- ASIAN
- WHITE
- BLACK/AFRICAN AMERICAN
- HISPANIC/LATIN AMERICAN
- MIDDLE EASTERN



- NON LOW INCOME
- LOW INCOME
- PREFER NOT TO SAY



- MALE
- FEMALE
- NON BINARY

13%

OF OUR STUDENTS IDENTIFY
AS DISABLED OR HAVE
ACCESSIBILITY NEEDS



"Unusually good at the impossible"

What is FIRST?



FIRST (For Inspiration and Recognition of Science and Technology) is a global non-profit organization that promotes science, technology, engineering, and math education through youth-oriented robotics competitions.

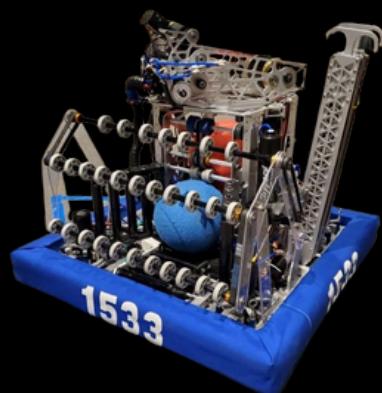
FIRST Tech Challenge

FIRST Tech Challenge (FTC) is a mid-size robot competition for middle and high school students. Teams design, build, and program robots about the size of a microwave to complete an annual game on a 12' x 12' field. FTC emphasizes creative engineering, coding, and strategy, with matches played in an alliance format. Students also develop outreach, fundraising, and leadership skills.



FIRST Robotics Competition

FIRST Robotics Competition (FRC) is a large-scale robot challenge for high school students. Teams have just six weeks to design and build robots up to 125 lbs to play a new game each year on a basketball-court-sized field. FRC blends advanced engineering, project management, and intense teamwork under tight deadlines.



83%

of FIRST alumni major in STEM

Female FIRST Alumni are

3.5x

as likely to take engineering courses

63%

of FIRST alumni currently work in a STEM field



"Unusually good at the impossible"

Meet the Teams



Triple Strange,
formed in 2004.



Wannabee Strange,
formed in 2007.



Back to the
Drawing Board,
formed in 2011.



Thunderducks,
formed in 2012



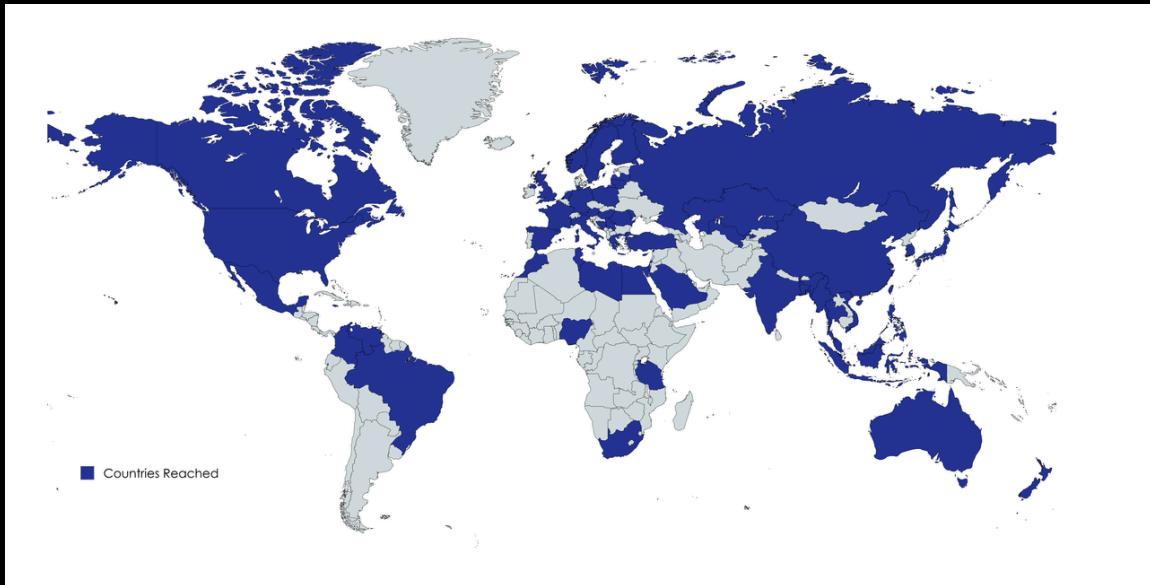
Night Owls, formed
in 2015.

Combined, our teams have achieved:



"Unusually good at the impossible"

Our Community



At ECG Robotics, community outreach is at the heart of everything we do. Each year, we actively engage schools, libraries, and community centers throughout the Triad area, bringing hands-on STEM experiences to students of all ages. Through live demonstrations, educational workshops, and mentoring programs, we introduce thousands of young people to the world of robotics and engineering.

Our impact doesn't stop at the local level. ECG Robotics has reached students across the globe, including in countries like India and Thailand, by providing virtual mentoring, sharing educational resources, and collaborating with international robotics teams. By connecting with diverse communities both near and far, we aim to make STEM education more accessible, inclusive, and inspiring for students everywhere.



"Unusually good at the impossible"

Our Community

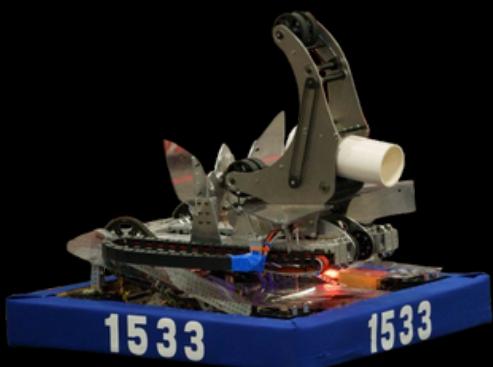


"Unusually good at the impossible"

Prospective Budget

FIRST Tech Challenge

| Category: | Expenses: |
|--------------------|-----------------|
| Event Registration | \$4,000 |
| Travel | \$8,000 |
| Robots | \$12,000 |
| Outreach | \$6,000 |
| TOTAL | \$30,000 |



FIRST Robotics Competition

| Category: | Expenses: |
|--------------------|-----------------|
| Event Registration | \$20,000 |
| Travel | \$14,000 |
| Robot | \$20,000 |
| Outreach | \$6,000 |
| TOTAL | \$60,000 |

Combined

| Category: | Expenses: |
|----------------------|------------------|
| FTC | \$30,000 |
| FRC | \$60,000 |
| Machinery & Facility | \$20,000 |
| TOTAL | \$110,000 |



"Unusually good at the impossible"

Benefits

Strange (\$10,000+)

- Company name listed as Title Sponsor of ECG Robotics
- Receive 10 additional organization shirts
- Prominent logo placement across all robots, shirts, banners, and digital materials
- All Diamond level benefits



Diamond (\$7,500 - \$9,999)

- FTC and FRC demonstration at your workplace (within reasonable travel distance, upon request)
- Company name and logo listed on all social media profiles and outreach materials
- Receive 5 additional organization shirts
- Large logo on FTC & FRC robots, t-shirts, trifolds, and banners
- All Platinum level benefits

Platinum (\$5,000 - \$7,499)

- Company promotion opportunity at full-team FRC meeting and full-teams FTC meeting upon request
- Receive 2 organization shirts
- Tour of our workspace for your employees or guests (upon request)
- All Gold level benefits



"Unusually good at the impossible"

Benefits

Gold (\$2,500 - \$4,999)

- Small logo on FTC and FRC robots
- Small logo on pamphlets, trifolds, banners and t-shirts
- Invite to annual end-of-season banquet
- All Silver level benefits



Silver (\$1,000 - \$2,499)

- Invitation to FTC and FRC outreach events
- Custom sponsor social media post
- Name/logo included in newsletter
- All Bronze level benefits

Bronze (\$100 - \$999)

- Company logo and link on sponsors page of website
- Subscription to ECG Robotics' newsletter, featuring seasonal updates and highlights
- Personalized thank you letter
- Invitation to attend local FTC and FRC competitions



"Unusually good at the impossible"

Ways You Can Help

Financial

Your company's donation helps fund materials, tools, workspaces, and competition expenses, providing students with hands-on experience not only building robots, but real-world skills that will support them well into their future careers.

Tools

Our robots are fully custom-built using in-house machining tools like CNCs and lathes. As older equipment ages out, sponsor support helps us invest in modern tools and solve complex technical challenges.

Material

Robots parts are expensive. Donations of 3D printer filament, aluminum, polycarbonate, Grade 1 lasers, portable cameras, and/or any other part are crucial for sustainable and cutting-edge technological growth and innovation.

Media and Merchandise

Growing public presence is a vital goal for ECG Robotics. Sponsors are welcome to donate merchandise to the nonprofit and market their sponsorship through social media as seen fit.

Venues/Workspace

Under tight and congested working conditions, ECG Robotics is in dire need of possible workspaces, field-space, and or meeting rooms.

Mentors

ECG Robotics is founded on the principle of students leading & mentors guiding. From industrial designers and programmers to artists and grant writers, we are looking for people who are passionate in helping the journeys of students across the Triad.



"Unusually good at the impossible"