



FRC 3314 - Mechanical Mustangs: Inspiring through Innovation



Thank you for your interest in sponsoring

Mechanical Mustangs, FRC Team 3314

We are an accomplished and energized FIRST Robotics Competition Team from Clifton! This packet details who we are and how your support makes a difference!



Mechanical Mustangs, FRC Team 3314
2025 - 2026 Sponsorship Packet

About FIRST

Founded in 1989, **FIRST** is a global robotics community dedicated to preparing young people for the future by providing hands-on STEM experiences and promoting community involvement. Its team-based robotics programs cater to all age groups, from pre-K to high school, and include FIRST Lego League (FLL), FIRST Tech Challenge (FTC), and FIRST Robotics Competition (FRC). These programs make learning engaging, accessible, and enjoyable.

Each year, FIRST introduces a STEM theme and a unique game for each program, unveiling the high school FRC game in January. Teams have until the end of February to **design and build an industrial-sized robot capable of performing various complex tasks**. At district events, teams collaborate and compete with their robots to earn points, win awards, and qualify for regional, state, and global competitions. However, FIRST is “more than robots.” **Teams engage in STEM outreach and community service throughout the year**, showcasing their community efforts, team values, and organizational structure through dynamic presentations, creative animations, and detailed award submissions.



Our Team Mission

Our mission as a team is to inspire the future generations of the STEM workforce that come from Clifton High School. We prepare students, starting from day one, with skills that will be used in their daily lives when they move on to the next stage in life.

About Mechanical Mustangs

Mechanical Mustangs – Team 3314 – is a *FIRST* Robotics Competition team that was founded in 2010 at Clifton High School in Clifton, NJ. In the past 15 years, since the conception of our team, we have learned what it takes to build a winning team! We have developed a culture here that helps students thrive even when under immense pressure.

What matters most to us is not the result, but showing our team members and students that the process is where you will learn your most important lessons.



Our Competition Success

The Mechanical Mustangs started where most teams begin, as true rookies. We were just learning about the culture and environment of the FRC for our first 2 years, as most rookies do. Once we finally had our footing, the team began to build more improved machines each year of our existence. We learned from previous mistakes and at the same time added new skills to our repertoire. **That brings us to today, where we have won over 29 awards and 7 competitions. These wins include 4 district competitions, a Regional win in Cleveland, and 2 Mid-Atlantic District Championships (New Jersey, Delaware, & Eastern Pennsylvania). In 2025, one of our students won the Dean's List Award at the World Championship, 1 of only 10 students in the FIRST Robotics competition.** Each year since 2015, we have qualified and attended the world championship based on our merit alone.



Our Community Presence & Impact

The Mechanical Mustangs also help spread STEM Education to members of the Clifton community and beyond. In Clifton's middle schools, there are two FIRST LEGO League competition teams. **The Mechanical Mustangs host the largest FIRST LEGO League qualifying event in the state of New Jersey, hosting over 36 middle school teams with over 300 students.** In season, the Mechanical Mustangs also help host Kickoff, distributing the kit of parts to over 40 FRC teams, and hold workshops for rookie teams where we help build the initial kit of parts, strategize, and answer any questions for the coming season.

Our team has been working with 9 Clifton elementary schools to host STEM nights in the fall or spring. The SPRING into STEM night, where we focus on community gardening, Slinkies, and physics principles, has become a highly requested event. We host a cycle of three different STEM nights in the fall for grades 3, 4, and 5 - Pirates, Super Heroes, or Outer Space. We have held professional development for teachers to learn basic coding and LEGO robotics. We also bring our robot to the Halloween Extravaganza, where over 900 children and their families go through our high school in costume and interact with our robot, build in our huge LEGO rooms, or dance in our blacklight dance room. **We interact with over 3,500 elementary school students and around 1,200 middle school students each school year.**



Students who join the team have a bright future ahead as we push our students to look to the future and dream big!

95% of our students go on to college, and the remaining 5% go to trade school or join the armed forces. We are proud that **100% of our students have post-secondary plans** to continue their learning journeys. The students who have chosen to go to college have received over **\$1.5 million** in merit and robotics-based scholarships to attend schools around the country, such as Columbia University, Northeastern University, Harvey Mudd College, Stevens Institute of Technology, Worcester Polytechnic Institute, Virginia Tech, New Jersey Institute of Technology, and many more!

Based on responses from over 40 alumni, alumni earn an average starting salary of **\$78,116**, 83% higher than the average salary for adults under 25, and 92% of our graduates work in STEM or STEM-adjacent fields. These alumni work for companies such as Lockheed Martin, Boeing, Bank of America, L3Harris, the US Army, Johnson & Johnson, and more.



About Sponsorship

The Mechanical Mustangs would not be able to reach our goals and make a difference both on and off the competition field if it weren't for the generous support of a wide variety of corporations and organizations.

Our team looks to sponsors for two main types of support: monetary support and in-kind donations. Each season, we generate income through fundraisers and gain mentorship from alumni and family members with relevant expertise. But without the additional, generous support of a wide variety of sponsors, our team simply wouldn't be able to build a competitive robot, travel to championship events, and conduct meaningful community outreach.



The Mechanical Mustangs view sponsorship as much more than a transaction – It's a lasting relationship with our team and an investment in our shared future!

Working together with our sponsors, we can enhance everyone's access to STEM and business experiences, and we can positively impact our community. Our partnership with sponsors has the potential to benefit so many!



Our Sponsorship Needs – Can You Help?

Monetary Support

Monetary support is our biggest need, and **every donation makes a difference!** This season, we estimate that our team will need approximately **\$132,400** to function year-round, build our robot, compete at district, state, and world events, and make a difference within our community. The table below categorizes our expenses.

3314 Season Expenses

Pre-Season Registration Fees	\$600
Pre-Season Event Food* (\$400 for each event)	\$800
Pre-Season Robotics Supplies	\$1500
Pre-Season Team Dinners* (2 nights a week, Lunch Saturdays)	\$2500
Pre-Season Transportation	\$1600
Pre-Season Outreach Events (Transportation, Food, Giveaways)	\$2000
Pre-Season Total:	\$9000

Robot Tools, Fabrication Supplies, COTS parts, Practice Field Elements	\$10000
Computers, Monitors, Various Technology	\$1000
Build Season Meals (5 nights a week, Saturday Breakfast/Dinner, Sunday Breakfast) **	\$8000
T-shirts, Hoodies, Uniforms, Branded Swag, Spirit Materials	\$2500
Internet for Warehouse	\$1200
Bathroom Supplies, “Kitchen” Supplies, Water for Warehouse	\$500
Heat, Water, Sewer for Warehouse	\$3500
Warehouse Rental Fees (entire season)	\$12,000
Build Season Total:	\$23,400



Competition Registration Fees - District Events, Inter District Event, FIRST Mid-Atlantic District Championship, World Championship	\$15000
Inter District Event Transportation and Hotel	\$8000
"Local" District Event Transportation	\$1000
Overnight District Event Transportation and Hotel	\$8000
FIRST Mid-Atlantic District Championship Transportation and Hotel	\$9000
FIRST Championship Airfare and Transportation	\$15000
FIRST Championship Hotel	\$17000
Competition Season Warehouse Meals (5 nights a week, Saturday Breakfast/Dinner, Sunday Breakfast) **	\$4000
District Events and District Championship Food	\$5000
World Championship Food	\$5000
Additional Robot Supplies During Competition Season	\$3000
Miscellaneous	\$1000
Competition Season Total:	\$ 91,000

Post-Season Registration Fees (WPI)	\$500
Post-Season Event Food*	\$500
Post-Season Robotics Supplies	\$500
Post-Season Team Dinners* (2 nights a week, Lunch Saturdays)	\$1500
Post-Season Transportation (WPI - Charter Bus)	\$4000
Post-Season Outreach Events (Transportation, Food, Giveaways)	\$2000
Post-Season Total:	\$9,000

*90% of our students qualify for free or reduced-price lunches, so we budget to provide food for any meal for all of our students; during build season, we ask students to provide lunch for 10 on one Saturday. Competitions are stadium pricing.



****We received a grant for plastic outdoor plates, plastic outdoor bowls, silverware, reusable water bottles, plastic outdoor cups, and dishwashing detergent, and we no longer use disposable paper products for meals; a mentor washes the dishes in their dishwasher each night; this saves us well over \$1500 a season and is very eco-friendly.**

Your monetary support helps us cover these necessary costs for our consistently high-achieving team. This, in turn, allows us to keep students' out-of-pocket costs low. Our students sell snacks every day of the school year to raise money for travel, food, and hotels. We do not want any student to be turned away from travel due to funding.

In-Kind Donations

The Mechanical Mustangs are also grateful for in-kind contributions (donated products, materials, services, and gift cards/certificates). These donations help us address specific needs without added cost to the team or our student members, and give us the flexibility to redirect the funds we saved toward our most pressing expenses.

In-kind donations – including robot parts, specialized tools/equipment, engineering, and business software/platform subscriptions, safety materials, STEM education supplies, art/craft supplies, print services, advertising space, supplies, and meals/snacks/drinks to sustain our team and event participants – are always greatly appreciated and are put to good use year-round.



Sponsorship is Mutually Beneficial

We hope that you'll agree that, **with your contribution of funds, goods, services, and with our continued hard work, everybody wins!**

Our Team Benefits

Your sponsorship allows The Mechanical Mustangs to:

- Help students learn, grow, and prepare for the future through hands-on experience and mentorship in STEM and business fields
- Secure specialized equipment, tools, and parts to prototype, design, build, wire, and program an innovative and competitive robot
- Cover transportation, lodging, and meal costs for travel competitions
- Conduct community outreach events that are greater in number and scope
- Continue to establish, mentor, and support FLL and FRC teams throughout our community

Your Company/Organization Benefits

By sponsoring The Mechanical Mustangs, you will:

- Secure the tax benefits of donating to a 501(c)(3) nonprofit under the provisions of the IRS (Montclair Society of Engineers **EIN 22-6075853**)
- Gain brand exposure at local, state, and global events with one of the top FRC teams in the Mid-Atlantic District
- Increase access to hands-on opportunities in STEM, robotics, business, and community engagement for current students and future leaders
- Widen your pool of potential interns and future employees with relevant skills and experience
- Impact students' confidence, happiness, and college and career preparedness
- Help spark interest in STEM and FIRST for children of all ages
- Support community members facing challenging circumstances through the team's service projects



Sponsorship Tiers

The Mechanical Mustangs are grateful for all of our sponsors! We appreciate any level of support and recognize sponsors' generosity with benefits at the following tiers:

Diamond Sponsor: \$5,000+

All Platinum Benefits
Sponsor's name/logo on all team displays
Sponsor called out during team introductions

Platinum Sponsor: \$1,000 - \$4,999

All Gold Benefits
Sponsor's name/logo displayed on the robot

Gold Sponsor: \$500 - \$999

All Silver Benefits
Sponsor's name/logo displayed on the team uniform
Official team T-shirt

Silver Sponsor: \$100 - \$499

All Bronze Benefits
An official acknowledgement plaque from the team suitable for display

Bronze Sponsor: <\$100

A personalized thank you card signed by the team



How to Donate

The Mechanical Mustangs is a 501(c)(3) nonprofit organization through the Montclair Society of Engineers (**EIN 22-6075853**), and donations are tax-deductible under the provisions of the IRS. Please make checks payable to "Montclair Society of Engineers". Checks can be mailed to:

82 Gordonhurst Ave
Montclair, NJ 07043
% James Hobin

In-kind donations can be communicated with the team at: donate@frc3314.com

Thank You!

Thank you for your interest in sponsoring The Mechanical Mustangs! We would not be able to sustain our team, thrive at competitions, and make a difference in our community without the generous support of our sponsors.



Mechanical Mustangs, FRC Team 3314
2025 - 2026 Sponsorship Packet