

Archbishop Spalding Cavaliers Robotics Team 4541

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2016-2017



Team 4541- Archbishop Spalding High School

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

What is the Robotics Team 4541 at Spalding?

FIRST team 4541 was organized by Amy Brunner and Anna DiGiulian in 2012 at Archbishop Spalding High School, a large private school in Severn, Maryland.

In the 2016-2017 year, the team consists of 78 students and ten mentors. Members are students of Archbishop Spalding High School.

The team participates in a competition held by FIRST (For Inspiration and Recognition of Science and Technology), a program developed in 1989 in order to inspire more interest in the fields of science and technology. In this competition, our team designs, programs, and builds a robot that performs an annually assigned task all in the span of six weeks.

Through the program, students are able to:

- Apply engineering principles to the design, build, and operation of robots for competitions
- Learn and use CAD and other engineering software
- Hands-on experience with multidisciplinary cooperative problem solving
- Program robots for both autonomous and human operated modes
- Travel to competitions
- Volunteer within the community
- Connect with industry and engineering firms and companies
- Learn about real world application of STEM principles

Why Sponsor our Robotics Team?

The Archbishop Spalding High School Robotics Team exists to encourage the development of students' interests in STEM- the areas of science, technology, engineering, and mathematics. By doing so, the program prepares young minds to work and thrive in our increasingly technological world and inspire them to be leaders, gain self confidence, life skills, and community awareness.

Building a robot of reasonable size can take up a lot of time and resources. FIRST Robotics specifies a six week time period in which our team goes from a pile of parts to a competitive robot. Its value and benefits reach far beyond just robotics and competing. Through the program, students gain an irreplaceable opportunity to



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experiment and explore their technological capabilities. They gain exposure to several aspects of technology, including technical design, computer programming, and even business and marketing.

However, in order to make this journey a successful one, the team needs support from the community on several different levels. One of the most effective ways to support the Cavs Robotics Team is to sponsor us financially. By contributing monetarily, the team will be able to purchase necessary materials and tools to construct the robot. Additionally, the team needs mentors with training and experience, especially in the areas of mechanical design. Thirdly, sustaining in-kind support through product donations and discounts allow us to stretch our financial resources even farther. Any support offered will help and enrich our team and better ensure that students have opportunities and exposure to the areas of science and technology in order to prepare them to meet the growing demand for technologically adept individuals in today's world.

Team Costs

Yearly Expenses	Wishlist
Event Registration Fees: \$9,000 Team Apparel: <ul style="list-style-type: none"> ● T-shirts: \$500 ● Jerseys: \$1,200 Transportation: \$2,600 Robot Building Materials: \$4,000+ Printed Materials: <ul style="list-style-type: none"> ● Brochures: \$500 ● Banners: \$500 Memorabilia: \$1,500 Competition Material: \$2,000 <ul style="list-style-type: none"> ● Build Season Meals: \$350 (per meal) TOTAL: \$26,800	Truss Materials <ul style="list-style-type: none"> ● Easy assembly 1'x1' truss can be used to build various structures for our pit and workshop Flat Screen TVs <ul style="list-style-type: none"> ● Multiple flat screen TVs are used to display the team website and other information Laptops <ul style="list-style-type: none"> ● Needed to program and run the robot. iPads/Tablets

There is an additional expense of \$18,000 if the team gets to advance to the World Championships



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How You Can Help

Title Sponsor - \$5000+

- Robot: Large logo of business
- Banner: Large logo (displayed at events and tournaments)
- Website: Logo & link prominently displayed on homepage
- Memorabilia: Thank you certificate, "Cavs 4541" shirt, and Jersey
- Invitation to end of year celebration
- *With 2 year commitment, logo displayed on shipping crates and trailer
- Printed Materials: logo printed on brochures and t-shirts

Platinum Sponsor - \$2000 - \$4999

- Robot: Logo of business
- Banner: Logo (displayed at events and tournaments)
- Website: Logo and link on homepage
- Memorabilia: Thank you certificate and "Cavs 4541" shirt
- *With 4 year commitment, logo displayed on shipping crates and trailer
- Printed Materials: logo printed on brochures and t-shirts

Gold Sponsor - \$1000 - \$1999

- Robot: Logo of business
- Banner: Logo (displayed at events and tournaments)
- Website: Logo and link on homepage
- Memorabilia: Thank you certificate and "Cavs 4541" shirt
- Printed Materials: logo printed on brochures and t-shirts

Silver Sponsor - \$100 - \$999

- Robot: Logo of business
- Banner: Logo (displayed at events and tournaments)
- Website: Logo and link on homepage
- Memorabilia: Thank you letter and "Cavs 4541" shirt
- Printed Materials: logo printed on brochures

Bronze Sponsor - \$25-\$99

- Social media "Shout-out" on Team Facebook and Twitter page
- Website: Logo and link on homepage
- Merchandise: Thank you letter



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Sponsorship Information

(Please print or type so we can accurately include your information)

Business Name: _____

Contact Person: _____

Address: _____

Please make checks payable to: Archbishop Spalding High School (in memo write Cavs Robotics Team)

Give checks to your student contact, or mail to:

**Cavs Robotics Team
Attn: Amy Brunner
8080 New Cut Rd
Severn, MD 21144**

Student Contact: _____

Amount Donated: \$ _____ Check # _____ Cash _____

Material Donation: _____

Thank you for your support!

Your generosity is truly appreciated and will be put to great use