



COMMUNITY OF  
ROBOTIC ENGINEERS  
School District of Waukesha

August 3, 2010

To Whom It May Concern:

We are a local robotics team from Waukesha, WI. We are made up of students from the three Waukesha high schools. Our team name is C.O.R.E. (Community of Robotic Engineers). We feel this name is very fitting because without the help of the entire community, this team would not be possible. We are part of a larger, international organization called FIRST (For Inspiration and Recognition of Science and Technology). The goal of FIRST is to promote the exploration of science, technology, engineering, and math. The goal of the program is to get students excited about careers in engineering and science.

We are going into our fifth season of operation and we have had many successes. During our rookie year, we won the All-star Rookie award, which is the highest award a rookie team can win. Our second year, we built on that success and won the regional competition, two regional Underwriters' Laboratory Safety Awards, an entrepreneurship award, a website award, and the International Safety Award. In 2009, we won two Motorola Quality Awards, two Underwriters' Laboratory Safety Awards, an Autodesk Visualization award, and a Website Excellence award. This past season, we were pleased to have won the 10,000 Lakes Regional, an Underwriters' Laboratory Safety Award, and two entrepreneurship awards. Additionally, we were a top six finalist in the world for our animation. Through all of these successes, we have built a reputation among the FIRST community, as a hard-working and passionate team.

Robotics takes the knowledge students gain from the classroom, builds upon it with practical experience, and instills a passion and curiosity to want to learn and do more. We learn many skills needed to maintain a robotics team that are also essential to thrive in the workplace. Some examples of these skills are: mechanical, drafting/CAD, electronics, pneumatics, programming, marketing, website design, animation, public speaking skills, importance of community service, industrial safety practices, and shipping crate construction. This varied set of skills allows a diverse set of young adults with a wide range of interests to participate in the team. Students are taught by mentors from the schools and industry. The mentors do not perform the work, but rather teach the students the skills they need to be successful. These students will become the next generation of engineers, scientists and innovators.

Currently, in the off season, we continue to keep very busy; working on projects to improve our program internally as well as reaching out to the community. For example, we have taken on the challenge of learning about alternative drive systems. The off-season also gives us time for community service and outreach. We are beginning preparations for our third season of the Waukesha VEX league and tournament, which consists of approximately 30 teams from the Waukesha area. The VEX league helps younger students (grades 5-8) learn the fundamentals of robotics, as well as prepare them for joining the robotics team in the future. We will also help to run and organize a FIRST Lego League tournament for children grades 1-8.

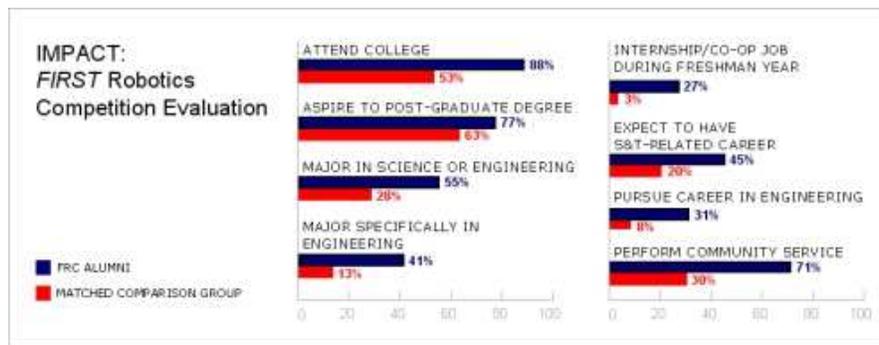


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Robotics is one of the most beneficial extracurricular activities available. It prepares students for the transition to adulthood by giving them technical and life skills, while having fun! Robotics dramatically improves the lives of many high school students. Please help us prepare your next generation of future employees.

According to an independent study by Brandeis University, students that participate in FIRST are:

- Roughly 10 times as likely to have had an apprenticeship, internship, or co-op job in their freshman year.
- Significantly more likely to expect to achieve a post graduate degree.
- More than twice as likely to expect to pursue a career in science and technology.
- Nearly 4 times as likely to expect to pursue a career specifically in engineering.
- More than twice as likely to volunteer in their communities.



After a recent presentation to a Waukesha School Board committee, C.O.R.E. was named one of the shining stars of the district. The School Board, mentors, teachers, and parents have been in awe at the accomplishments of our team and the learning and growing that has taken place along the way.

Thank you for taking time to learn about our robotics team and learn about all of the great things that we are accomplishing in our schools and community.

Sincerely,

Connor Zwick



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School District of Waukesha

## Sponsoring Our Team

In order for us to keep this valuable opportunity available to the students, we need the help of our community. We hope you will consider contributing to our team in any way possible. By supporting our team you are making an investment in the future of the students, our community, and your company. Robotics offers so many great experiences to prepare students for college and careers, but it requires a significant amount of money to keep it open to all interested students. To enter a regional competition and purchase a kit of parts, it costs about \$6,000. To enter the international competition, it costs about \$5,000 in addition to the costs of transporting the team and shipping the robot. Our team's annual operating budget is \$30,000. This year we anticipate competing in two regional competitions and the international competition.

There are many ways to help keep our team in operation. The different levels of sponsorship are listed below:

Diamond	\$5,000+	<ul style="list-style-type: none"><li>○ Previous level benefits plus:</li><li>○ Extra large logo on robot</li><li>○ Dedicated page on web site highlighting involvement</li></ul>
Platinum	\$3,000+	<ul style="list-style-type: none"><li>○ Previous level benefits plus:</li><li>○ Company name included in team name</li><li>○ Large logo on robot</li></ul>
Gold	\$1000+	<ul style="list-style-type: none"><li>○ Previous level benefits plus:</li><li>○ Logo displayed on front pit panels</li><li>○ Medium logo on robot</li><li>○ Inclusion on scrolling marquee</li></ul>
Silver	\$500+	<ul style="list-style-type: none"><li>○ Previous levels benefits plus:</li><li>○ Small logo on robot</li></ul>
Bronze	\$100-\$499	<ul style="list-style-type: none"><li>○ Previous level benefits plus:</li><li>○ Inclusion on printed pit display</li></ul>
Friends of C.O.R.E.	<\$100	<ul style="list-style-type: none"><li>○ Name on website</li><li>○ Name listed on applicable documents</li></ul>

All contributions are tax deductible and greatly appreciated.

For more information about our team, please visit our website at [www.core2062.com](http://www.core2062.com).

For more information about FIRST robotics, please visit [www.usfirst.org](http://www.usfirst.org).

If you have any questions, are interested in sponsoring our team, or would like to arrange a meeting with our team representatives, please contact Mr. Dennis Skurulsky [dskuruls@waukesha.k12.wi.us](mailto:dskuruls@waukesha.k12.wi.us) (262) 970-3148.



### WHO WE ARE...

We're **C.O.R.E.**, *Community of Robotic Engineers & Team number 2062.*

CORE is a group of students, volunteers, teachers, engineers, and parents who gather to learn and explore science and technology. Our goal is to inspire self-confidence, leadership, and work ethic while working side by side to solve engineering problems.

We do all of these things while building a robot for an international competition called the FRC. Our team is unique in that the students attend 5 different School District of Waukesha high schools. Students who would otherwise be competing, learn they can work together to master difficult engineering concepts and challenges.

Our students voluntarily gather outside the school day to go beyond the rigor of the engineering academic classes. During that time they build lifelong relationships and get excited about science, technology, engineering, and math. They aspire to learn more, but have fun along the way!

## We Need Your Help

We rely on **tax deductible donations** from companies to operate. Here are the different levels of sponsorship. To learn more about our expenses, visit [core2062.com](http://core2062.com)

## Sponsorship Levels

Diamond	\$5000 +
Platinum	\$3000 +
Gold	\$1000 +
Silver	\$500 +
Bronze	\$100 -\$499
Friends of CORE	<\$100

Ask for a sponsorship letter for further information on the differentiation of sponsorship levels.



401 E. Roberta Ave.  
Waukesha, WI 53186  
262-970-3148  
[contact@core2062.com](mailto:contact@core2062.com)  
[core2062.com](http://core2062.com)



# C.O.R.E. IS MULTI-DIMENSIONAL

## C.O.R.E. VALUES

"Engineering is the art of organizing and directing men and controlling the forces and materials of nature for the benefit of the human race."

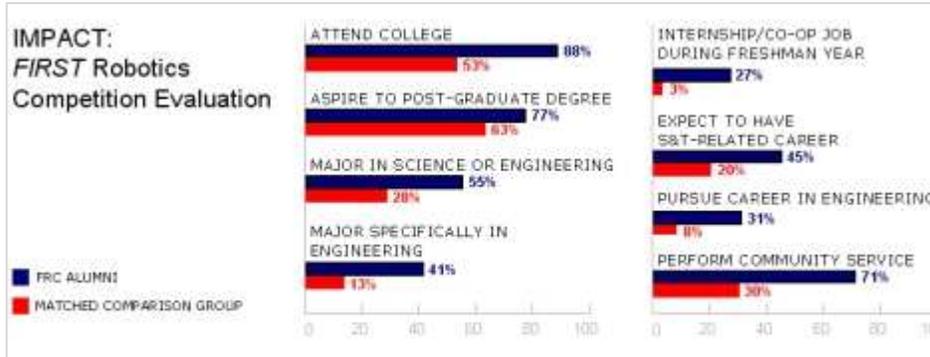
- Henry G. Stott

## WHAT WE LEARN

- MECHANICAL
- PROGRAMMING
- BUSINESS & MARKETING
- PUBLIC OUTREACH
- GRAPHIC DESIGN
- ANIMATION
- WEB DESIGN
- AND MUCH MORE!



*We are part of an International organization called FIRST. Every year, teams from eight countries are given a challenge. For the next six weeks we build a robot that will best accomplish this task. We then compete with other teams at regionals and if successful, the international championship.*



Study performed by Brandeis University.

## WHAT IS FIRST?

*For-Inspiration-and-Recognition-of-Science-and-Technology*

Founded in 1989, by Inventor Dean Kamen, it was created to inspire young people to pursue careers in science and technology and teach them skills in science, engineering, math, technology.

## FURTHER INFORMATION

To learn more about our team, you can visit our web site at [core2062.com](http://core2062.com).

To learn more about FIRST, you can visit their web site at [usfirst.org](http://usfirst.org).

## Benefits

### Tax Deductible



Our team is operated under the School District of Waukesha. Therefore, any donations to the team are classified as tax-deductible, and we can provide the proper forms of proof.

### Exposure



We present to many people throughout the year and compete at several regionals. In 2009, our robot was exposed to over 20,000 people at the international championship. We put our sponsors on as many things as possible for maximum exposure to niche markets. By sponsoring our team you can spread your company name to new levels.



### Supporting the education of tomorrow

Our team changes the lives of its students. It opens new doors and inspires new greatness. By sponsoring our team, you can make that dream a reality for more students.



ROBOTICS IS A TRULY LIFE CHANGING EXPERIENCE.

At C.O.R.E., that is taken to a new level. As a younger team, we are known around the world for our passion and drive.



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## Donation Form

To allow us to easily contact your company and insure that you are receiving team updates please fill out the following form.

Contact Name: \_\_\_\_\_

Email: \_\_\_\_\_

Phone Number: \_\_\_\_\_

Mailing Address: \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

All donations are tax deductible and greatly appreciated. Checks should be made to School District of Waukesha.

Please send a digital copy of your company's logo via email to Connor Zwick ([connor.zwick@core2062.com](mailto:connor.zwick@core2062.com)).

Please mail this form along with your contribution to:  
Waukesha South High School  
Attn: Dennis Skurulsky  
401 E. Roberta Ave.  
Waukesha, WI 53186

*Please Note:*

Contributions are greatly appreciated at any time! If your logo is to be embroidered on team shirts your check must be received by December 3, 2010. If your logo is to be included on the robot and/or any competition materials (pit, judges materials, etc.) your check must be received by February 16, 2011.

**Thank you for supporting our team!**  
**Our success would not be possible without your support.**