

STAG Robotics Team 5221



Project Freelance



Who Are We?

Project Freelance, STAG Robotics is a group of dedicated, hardworking youth, service providers, teachers, and community members who have formed a West End Robotics team. Every year we will be designing a full scale robot to compete in events throughout North America.

How we Began

The lead agency for Project Freelance, STAG Robotics is the Sandwich Teen Action Group, a teen drop in centre in Windsor's west end. STAG worked closely with WE-tech Alliance to form the cities first "Community" robotics team. We have partnered with local youth service organization's like New Beginnings, and local high schools including Forster and Century to create this team. Our team is open to any youth living or going to school in the west end.

Our team is divided into several sections, each being responsible for specific tasks

Public Relations: obtaining new sponsors, coordinating fundraising and communicating with existing sponsors and the media.

Communications: developing/maintaining the team website, creating animations, and taking videos and photos of team events and functions.

Electrical: designing, fabricating and connecting all electrical and pneumatic components of the robot.

Mechanical: designing and fabricating all the necessary parts and assembling the robot.

Programming: working closely with the electrical section to establish a programming plan and creating code, enabling the robot to perform in both autonomous and tele-operated modes.





About S.T.A.G.



The Sandwich Teen Action Group is committed to providing programs for positive life experiences in a safe and caring environment, which enable youth to find support, cope with problems, and make responsible life choices. The Sandwich Teen Action Group was founded in 1991 by two police officers who set out to establish a place for area girls identified as at-risk for unplanned pregnancies. Two members of the Windsor Police force, Mike Mackenzie and Dave Doidge, asked Labour Leader, Red Wilson, to provide the funds necessary to renovate a vacant school (St. Edwards Catholic School which had been vacant for 7 years) in Sandwich town. Their dream was to prepare the building for the newly founded Sandwich Teen Action Group. STAG's motto is Respect Yourself, Respect

A Brief Description of "FIRST"

Team 5221 is a member of FIRST Robotics, an acronym denoting: For Inspiration and Recognition of Science and Technology. Each year, challenges are created for its members. Under strict rules, limited resources and time limits, teams of 25 students or more are challenged to raise funds, design a team brand, develop teamwork skills, and create robots to perform prescribed tasks against a field of competitors. The scope of this competition is comparable to what we consider "real-world engineering



Interested in Becoming a Sponsor or Mentor?

To become a successful team, it is extremely important that we include members from our community in the overall growth process. Through sponsorship, monetary donation, equipment supplements, or simply time commitment, the team is able to pursue our goals. Your contribution will serve to inspire our team members to achieve scientific and technological excellence in our endeavours.



Still Have Some Questions?

If you need any more information regarding our team, please refer to the S.T.A.G. website at www.thestag.ca or the FIRST website at <http://www.usfirst.org>

Contact us:

John Elliott: STAG Executive Director, 519-254-6999 or sandwichteen@cogeco.net



SANDWICH TEEN ACTION GROUP

RESPECT YOURSELF RESPECT OTHERS

www.thestag.ca

3735 King St. Unit 1

Windsor, Ontario

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519.254.6999 f. 519.254.0683

Dear Potential Sponsor,

Project Freelance, STAG Robotics is part of a multinational organization called F.I.R.S.T. (For Inspiration and Recognition of Science and Technology). FIRST is made up of FIRST Robotics Competition (FRC), FIRST Tech Challenge (FTC), FIRST Lego League (FLL), and Junior FIRST Lego League (Jr. FLL). These programs are an educational career-molding experience for as many as 196, 000 students from 50 countries with over 16, 000 robots and more than 40 competitions annually. It is a non-profit organization supported by more than 85, 000 volunteers with a goal of inspiring young people towards science and technology.

Project Freelance, STAG Robotics is a brand new "Community Team" formed for the 2014 season. The lead agency in this endeavor is the Sandwich Teen Action Group, a teen drop-in in Windsor's west end. It is our goal to provide the opportunity to be involved in FIRST to many young people, who have not been offered the opportunity before. Our team is open to any high school aged young person living, or going to school in Windsor's West End. With the communities support, we hope to open the eyes of these young people to the possibilities of careers in Science, Technology, Business, Public Relations, and Skilled Trades. They are also able to build on important skills like team work, communication and time management. In our first year we are looking to compete in the Great Lakes Regional event here in Windsor, and with our team of mentors, and the enthusiasm of our youth participants we feel we can compete with the best teams in the region. As we continue, we will look to grow our team every year until we are the model by which other Robotics teams are measured.

Project Freelance, STAG Robotics is reaching out to the community for financial support. The running of our FIRST Robotics Team is very expensive with registration for one competition being \$6000. Given that this is our first year we will also need to purchase, or have donated a great deal of materials for construction including tools, electrical and mechanical components as well as the necessary technology. We are also determined to establish this team with a strong enough base that this opportunity will continue to be offered to West end teens for years to come. As we do this we expect to be offered opportunities to travel to competitions in other locales which will bring with it the added cost of travel and lodging.

As a respected member of the community, we know you will be seeking skilled and creative employees in the future. Please consider any contributions to our team as an investment in your future as well as the community's. Your support is a critical factor in our team's success.

For more information on the Sandwich Teen Action Group please visit www.thestag.ca. For more information about First Robotics please visit www.usfirst.org

Thank you for your consideration


Chanelle Atkinson – Public Relations


Brodie Macleod – Public Relations



John Elliott – Project Lead

Project Freelance, STAG Robotics
3735 King Street
Windsor, ON
Phone - 519-254-6999

Contact: John Elliott sandwichteen@cogeco.net

In recognition for any financial or material contributions, your company will be promoted in various ways. The chart below provides a breakdown of benefits of your sponsorship. We appreciate and accept all donations. Material donations will be honoured as sponsorship for the approx. MSRP value.

<u>Level</u>	<u>Contribution</u>	<u>Benefits to Sponsor</u>
Bronze	\$100.00 to \$249.99	-Sponsor logo on team website (www.thestag.ca) along with link to company site.
Silver	\$250 to \$499.99	-Sponsor logo on team website along with link to company site. -Small sponsor logo on the robot.
Gold	\$500.00 to \$1000.00	-Sponsor logo on team website along with link to company site. -Medium sponsor logo on robot -Recognition at Annual General Meeting for the Sandwich Teen Action Group.
Platinum	\$1000.00 +	-Sponsor logo on team webpage. -Large sponsor logo on robot. -Recognition at Annual General Meeting for the Sandwich Teen Action Group and mention during communications with the press, as well as some form of recognition at all public appearances.

Project Freelance, STAG Robotics

3735 King Street

Windsor, ON

Phone - 519-254-6999

Contact: John Elliott sandwichteen@cogeco.net

Thank you for supporting Project Freelance, STAG Robotics.

If you have any questions or concerns, please feel free to contact John Elliott at sandwichteen@cogeco.net

Steps to make a financial contribution:

1. Complete the form below.
2. Make cheque payable to: Sandwich Teen Action Group
3. Email sandwichteen@cogeco.net or call 519-254-6999 to arrange for cheque pickup or mail to 3735 King Street Windsor, ON N9C 1P7
4. Email your company logo to sandwichteen@cogeco.net

If you are able to donate equipment/materials, please indicate what you are able to offer on the reverse side of this sheet.

Please print for the application.

Company Name: _____

Contact Name: _____

Telephone: (____) _____ - _____

Company Website: _____

Address: _____

Email: _____

Amount Sponsoring: \$ _____

I wish my sponsorship amount to go toward;

Project Freelance, STAG Robotics

Operation and Programming costs for the Sandwich Teen Action Group

Both

Sponsor's Signature: _____