



**MERGE  
ROBOTICS**

**2023 - 2024**

**Sponsorship  
PACKAGE**

**FIRST  
ROBOTICS  
COMPETITION**

**FIRST IMPACT  
AWARD**

**PREPARED BY  
TEAM 2706 MERGE  
ROBOTICS**

☎ (613) 866-7429

✉ [frc2706@owcrobots.ca](mailto:frc2706@owcrobots.ca)

🌐 [team2706.ca](http://team2706.ca)



# WELCOME TO MERGE ROBOTICS!

---

## WHO ARE WE?

Merge Robotics is comprised of dedicated high school students who are interested in STEM (Science, Technology, Engineering, and Math). They are joined by a diverse group of mentors from the Ottawa community: engineers, scientists, business leaders and university students.

## WHERE ARE WE FROM?

Merge Robotics members come from across the Ottawa area, coming from 13 different schools. We welcome high school aged students from any school or home-schooled students to join us and learn. We regularly meet in the Kanata/Ottawa west area but participate in events across the city.

## WHAT DO WE DO?

Every year, FIRST® releases a brand- new complex and exciting challenge. Under strict rules, limited resources and time, teams are challenged to raise funds, design a team brand, hone teamwork skills, and most importantly, build and program robots to perform prescribed tasks against a field of competitors. It's as close to real-world engineering as a student can get!

## OUR MENTORS!

Instead of "Coaches", we have Mentors, who volunteer their time on top of their professional STEM careers. We encourage and pass down this volunteering spirit with our high school students serving as coaches, event volunteers, and mentors for younger students in FLL (FIRST® Lego League).

## EDUCATION FOR ALL!

One of Merge Robotics' most important goals is to improve the accessibility of STEM education for all ages. We inspire youth in our community through our outreach, which includes robot demonstrations, STEM workshops with local Girl Guide and Scout groups, and other community events. On top of that, we also run free workshops out of libraries all across Ottawa.

## PARTNERSHIPS!

Our partnerships are numerous and successful: we cooperate with parents, our local schools, our municipal libraries, our community, and other FIRST® teams to develop a well-rounded team.



# WHAT IS FIRST?



FIRST® stands for ‘For Recognition and Inspiration of Science and Technology’. It is an organization that helps promote Science and Technology to youth in a fun and creative way, setting it apart from other STEM-based organizations.

FIRST® appeals to the fun side of STEM by creating unique games played by robots that teams design and build for the competition. Due to this, students develop teamwork skills like collaboration, communication, conflict-resolution, problem-solving, and many more.

FIRST® also encourages the mentality of “Gracious Professionalism”, coined by Dr. Woodie Flowers. Everyone acts with kindness and positivity and is always willing to help their competitors despite the competitive nature of the event. FIRST teaches youth about STEM, and the life skills they’ll need for the future.

570,000  
Students

\$80 Million  
in scholarships

3600 Events  
in 100+ countries

300,000  
Mentors



# ADVERTISING AND SPONSORSHIP OPPORTUNITIES

## ADVERTISING FOR YOU

Sponsors are a huge part of any FIRST® Robotics Competition team. We proudly display our sponsors' logos and brands at any event we attend -Local, district, provincial, or even international. In-kind donations such as space for our team to work in are greatly appreciated and are publicly acknowledged during events.

## SPONSORSHIP OPPORTUNITIES

There are many ways you can contribute to our team. Some options:

**MONETARY:** Our ideal annual operating budget is \$124,500 for a typical season. This includes in-kind donations valued at approximately \$50,000 for building/meeting/practice spaces. This generosity allows us to continue to teach STEM skills and compete as a team!

**BUILD SPACE:** To build our robot, we need to have adequate space to use our tools and store our materials and space for meetings and teaching. Maybe you have some space to share?

**IN-KIND SPONSORSHIP:** Help us decrease our build expenses by donating material or tools for us to use. Every bit you give means less that we would have to fundraise to purchase!

**MENTORING:** Come and join the team for yourself! All ages and passions are welcome; we could use your personal expertise!

## 12 SPONSORSHIP IDEAS

If you're unsure of how much to give, or what specific aspect of the team to sponsor, below are 12 suggestions from our biggest areas of need.

- ~ Team Apparel
- ~ Providing A Raspberry Pi
- ~ Corporate or commercial space and storage space
- ~ Laptops that can support SolidWorks
- ~ Money dedicated to student travel fees
- ~ Batteries and chargers for the robot(s)
- ~ Internet access at our build space(s)
- ~ Zoom License for virtual team meetings
- ~ Provincial Championships registration fee
- ~ Access to manufacturing tools (CNC, Lathe) or in-kind manufacturing
- ~ Team Celebration (for ex. Pizza party)
- ~ 3D printer and supplies

# BUDGET BREAKDOWN

## Team 2706: Merge Robotics Projected Operating Budget 2023 - 2024 Season

### Build Season Expenses (incl. competition spares)

Smart Vision and AI Equipment	\$1,000
Motors, Wheels, Gearboxes, etc	3,500
Swerve Drive Components	5,000
Pneumatics Supplies	1,000
Electrical Supplies & Sensors	1,500
Tools, Batteries, & Safety	2,500
Mechanisms, Lexan, Fasteners	3,000
Stock Aluminum	1,000
Fabricate Partial Practice Field	1,000
Miscellaneous	<u>1,000</u>

**Total Build Season Expenses** **\$20,500**

### Competition Expenses

District Competitions & Kit of Parts	\$8,800
Provincial Championships	5,200
FIRST World Championships	7,800
Off-Season Events	1,000
Pit Elements, Robot cart	1,500
Transportation of Equipment	<u>3,000</u>

**Total Competition Expenses** **\$27,300**

### Administration Expenses

Teaching/Workshop Supplies	\$2,500
Public Outreach Events	1,000
Promotional Materials	1,000
Team Apparel	1,500
Team Insurance	5,200
3D Printer and Filament	1,500
1/3 of CAD Computers to Replace	12,000
Rental Meeting/Build Space Fund	50,000
Team Administration	1,000
Miscellaneous	<u>1,000</u>

**Total Administration Expenses** **\$76,700**

### Overall Expenses

Build Season	\$20,500
Competition	27,300
Administration	<u>76,700</u>

**Total Operating Expenses** **\$124,500**



# SPONSORSHIP LEVELS

Benefits	 \$500 - \$1999	 \$2000 - \$4999	 \$5000 - \$9999	 \$10,000+
Name or logo on robot	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Name or logo and sponsorship level displayed on website	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Name and/or logo on Sponsor Board displayed at competitions	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Name or logo on sponsorship package for 2024-2025 season		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Name or logo on team shirts		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Sponsorship certificate			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Name announced on livestream during alliance selection			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Prolonged promotion on display screen in pit at competitions				<input checked="" type="checkbox"/>

INTERESTED IN BECOMING A SPONSOR?

Please contact Melissa Shaw to arrange a meeting where we can discuss your personal method of sponsorship.

Phone: 613-866-7429

Email: [frc2706@owcrobots.ca](mailto:frc2706@owcrobots.ca)

# SPONSORS 2023-2024

---

