

4646 Wildcard Robotics
Sponsorship Packet 2025



4646 Wildcard Robotics

Our Mission

Wildcard Robotics is a FIRST Robotics team based in Polk City, Iowa. We are a 4H team with students from four area schools, North Polk High School, Ankeny Centennial High School, Ankeny High School, and Madrid High School. Our season starts in January of each year and continues until May. During this time, high school students alongside engineers design, build, test, and iterate our robot to successfully complete the given task of that year.

Student Development

Months before the season even starts, the team kicks off its Student Development Programs, which meet weekly in small groups that focus on teaching the students specific skills. These include Mechanical Design (CAD), Software Engineering, CNC tools & 3D Printing, but other small groups are created depending on the interest of the students such as business, marketing and graphic design. These groups continue to meet from June through December to prepare the students for the exciting season ahead. This is one of the best keys to the team's success and having a highly engineered and CNC-fabricated robot, while having great student participation and skills development.



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Why Donate?

Based off our exemplary performance in the Central Missouri Regional, our team qualified for the 2025 FIRST Robotics World Championship. It is held in Houston, Texas April 16th-21st. In order to cover travel and competition costs we need your help! By contributing monetarily to our team, you can help students develop valuable skills in STEM, The Trades, and Business.

How to Donate

Non-profit organization: Polk County Agricultural Extension District

Attention - Team Name: Wildcard Robotics

Employer Identification Number: 42-6021466

Address: 1625 Adventureland Drive, Suite A Altoona, IA 50009

Email: 4646robotics@gmail.com

4646 Wildcard Robotics

Sponsorship Benefits

Benefits	20K+ Jester	10k King	5k Queen	2.5k Jack	1k Ace	\$500 Joker
Featured on website	X	X	X	X	X	X
Featured on our pit banners	X	X	X	X	X	
Featured on our social media	X	X	X	X		
Featured in our promotional video	X	X	X			
Logo featured on 2026 T-shirt design	X	X	X			
Logo prominently on 2025's and 2026's robot	X	X				
Logo on our 2026 banner in the shop	X					

4646 Wildcard Robotics

Software

The Software team programs all functions of the robot, including the autonomous routine at the beginning of each game. Students learn skills in writing software, using vision (cameras) and AI to automate the robot, and simulating software actions before testing them on the physical robots.

Mechanical

The mechanical team works on designing, modeling, printing, wiring, and fabricating custom pieces using industry-grade tools like CNC machines, a plasma cutter, and subtractive manufacturing equipment for our project. Students learn skills in mechanical engineering, making calculations, designing kinematic systems, and simulating the actions of the robot before physically building and testing.

Teamwork

The entire team comes together to test, iterate, and improve the robot throughout the build and competition season, learning from our events. At the FIRST Robotic Competitions, the team competes with and against other teams from across the country and around the world. The entire team comes together to problem-solve, build relationships, and learn how to collaborate on a large-scale group project.

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About Us

Team History

Four of the core mentors of this team were previously mentors who, in 2013, created team 4818 and later team 7048 in West Fargo and Fargo, ND. Through their career progression with John Deere, the four mentors and two former 4818 students ended up all located in the Des Moines, Iowa area. Rather than starting a new team, they took over a team that was about to end operations. The team now has ten mentors that play various roles on the team teaching and mentoring the students on various skills.

Team 4646 was initially called Team ASAP when it was founded in 2013. Later, under new leadership in 2022, the team was officially rebranded as Wildcard Robotics and competed successfully in the Iowa Regional in Cedar Falls. During the 2023 season during the Iowa Regional, they made it to the playoffs and were finalists during the Green Country regional in Tulsa, OK.

Wildcard Robotics continued improving in the 2024 and 2025 seasons, becoming more successful and recognizable within the FIRST community and locally, attracting students from five schools in the Ankeny, North Polk, and Madrid areas. After gaining momentum from tremendous student participation and regional success, in 2025 Wildcard Robotics took home a win from the Iowa Regional, held in Cedar Falls IA. This win qualified them for the World Championship Event where students will get the opportunity to compete with the top 600 teams in the world from over 55 Countries.

Accomplishments

- ❖ 2025 World Championship Invitation
- ❖ 2025 Iowa Regional Winners
- ❖ 2025 Autonomous Award
 - Central Missouri Regional and Iowa Regional
- ❖ 2024 Industrial Design Award – Iowa Regional
- ❖ 2024 Autonomous Award
 - Central Missouri Regional
- ❖ 2024 won second-place alliance at Central Missouri Regional
- ❖ 2024 won second-place alliance at the Iowa Regional
- ❖ 2023 Judges Choice Award - Green Country Regional
- ❖ 2023 made it to playoffs at the Iowa Regional
- ❖ 2023 finals during the Green Country Regional

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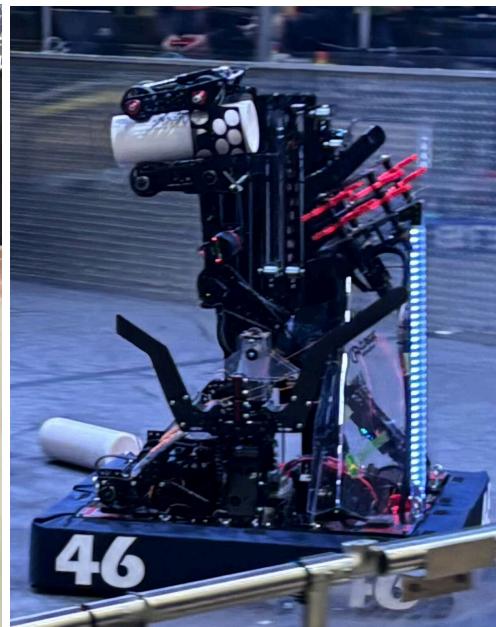
Contact Information

Email:
**4646robotics
@gmail.com**

Website:
Team4646.org

Social Media:
Instagram:
Team4646

Team Photos (2022-2025)



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