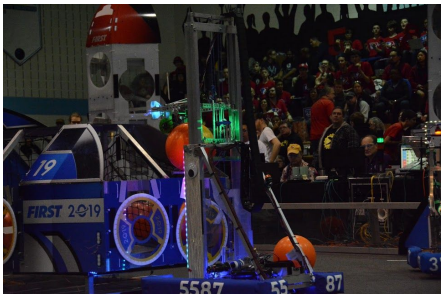
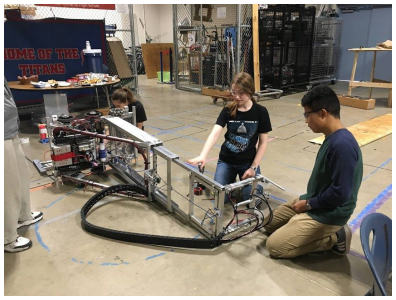
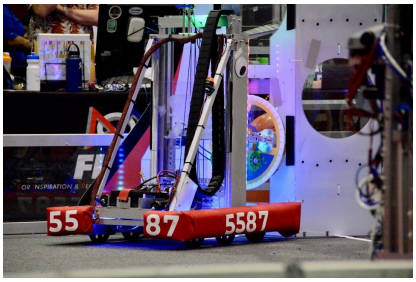
TITAN ROBOTICS
SPONSORSHIP PACKET

FRC TEAM 5587
2019-2020







Our Team:
Titan Robotics was founded in the 2014-2015 school year at TC Williams High School, the largest and most diverse public high school in Virginia. Each year, our team is given a challenge with the goal of building a fully functional robot that is able to solve various problems and compete with other robots around the world. Last year, over 3,600 teams from around the world competed in the competition.

Our mentors have a variety of professional backgrounds including defense contractors, naval/NAVSEA, technology/CSC, TV production, and some are past FIRST participants.

We compete in a larger program called FIRST, which aims to encourage young people to pursue careers in STEM fields by engaging them in robotics programs to build science, engineering, and technology skills, while also teaching networking, fundraising, and community awareness.

Through the program, students are able to:
- Apply engineering principles to the design and build of robots
- Collaborate with peers and mentors in an engineering based setting
- Learn problem solving and project management skills
- Interact with and serve the community
- Network with STEM professionals and companies
- Be eligible for $50 million in scholarships

Team 5587 Organization:
- Over 70 students, spanning grades 9-12
- 12 mentors
- Non-profit team booster club

Team 5587 Impact:
- Started and mentor twelve younger FLL and FLL Jr. teams in our community
- Started and mentor three FTC teams in our community
- Participated in over 40 community and school events in the past year such as the USA Science and Engineering Festival, Art on the Avenue, the Campagna Center after school programs, Noche de Ciencias (Night of Science), TC Williams Club Fair, Barnes and Noble Mini Maker Faire, TC Williams pep rallies, NOVA STEM Day, and more

Team 5587 Community Outreach Highlights:

- Tucker Intersession: Titan Robotics created and helped execute a week long curriculum at Samuel Tucker Elementary during one of their school breaks. In the program, students learned about various STEM topics, including circuits, and had the chance to drive our robot, Kernbread.

- FIRST Teams: Last year Titan Robotics has expanded our family to include all levels of FIRST programs. This includes three FTC team (grades 6-8), FLL teams (grades 4-5), and three FLL Jr teams (grades K-4). Our FRC members have worked hard to mentor and set up the teams so students have access to free STEM programs in Alexandria from kindergarten through high school.

- Art on the Avenue: Art on the Avenue is a large art festival hosted in our city of Alexandria that attracts up to 50,000 people from all over the country. At this event, Titan Robotics helped hundreds of kids build catapults and balloon cars and demoed our robots.

- Five Summer Camps and a Workshop: Titan Robotics hosted five summer camps and one workshop for students in grades 3-8 in July and August 2019. At the camps, our team members taught camps for Lego Mindstorms, rockets, programming, machining, physics and lead an FTC workshop.

- USA Science and Engineering Festival: Held every two years, this festival is the largest celebration of STEM in the country, with 370,000 attendees in 2018. We demoed our 2018 competition robot and explained FIRST robotics to visitors during two days of the festival at the official FIRST robotics booth.

Team 5587 Competition Results:

- **2019 - Destination: Deep Space**
  - Semi-finalists at Bethesda MD District Event
  - Quarter-finalists at Oxon Hill MD District Event
  - Semi-finalists at Chesapeake District Championship Event
  - Quarter-finalists in Carson Division at Detroit World Championship
  - Ranked 16/129 overall in Chesapeake District
  - Won Engineering Inspiration Award at the Bethesda MD District Event
  - Won Engineering Inspiration Award at Chesapeake District Championships

- **2018 - Power Up**
  - Quarter-finalists at Greater DC District Event
  - Semifinalists at Southern Maryland District Event
  - Ranked 1/38 after qualifications at the Southern Maryland Event
  - Qualified for the Chesapeake District Championships
  - Ranked 28/126 overall in Chesapeake District
  - Won Team Spirit Award at the Southern Maryland Event

- **2017 - Steamworks**
  - Quarter-finalists at Northern Virginia District Event
  - Quarter-finalists at Central Maryland District Event
  - Ranked 1/40 after qualifications at both events
  - Qualified for the Chesapeake District Championships
  - Ranked 36/140 overall in Chesapeake District
  - Won Team Spirit Award at the Northern Virginia Event

- **2016 - Stronghold**
  - Quarter-finalists at Northern Virginia Regional
  - Finalists at Greater DC Regional
  - Qualifier to Chesapeake District Championships
  - Ranked 44/140 in Chesapeake District
  - Finalists at IROC Off-Season event
  - Safety Recognition Award

- **2015 - Recycle Rush**
  - 29th at Greater DC Regional

Sponsor Benefit	Platinum $5,000+	Titanium $3,500	Gold $2,000	Silver $1,000	Bronze $500	Copper $100-500
Letter of appreciation	✓	✓	✓	✓	✓	✓
Company logo on website	✓	✓	✓	✓	✓	✓
“Shout out” on team social media	✓	✓	✓	✓	✓	✓
Framed team photo	✓	✓	✓	✓	✓	✓
Company logo presented in our pit	✓	✓	✓	✓	✓	
Company logo on team publications	✓	✓	✓			
Company logo on robot	✓	✓	✓			
Titan Package (3 shirts, 3 stickers, 5 business cards, and 10 tattoos)	✓	✓				
Robot demo at company function	✓	✓				
Company name announced during competitions (during introductions, alliance selection, awards)	✓					

Sponsorship/Donation Information

Business Name: _____

Contact Person: _____

Address: _____

City: _____ State: _____ Zip Code: _____

Phone: _____ Email: _____

Business Website: _____

Student/Titan Robotics Contact: _____

Amount Donated: $:_____ Check #: _____ Cash: _____ Online: _____

Material/Food Donation: _____

Make checks payable to “Titan Robotics 5587 Boosters”

Mail this form with check to 121 Longview Drive, Alexandria, VA 22314.

Annual sponsors: please send an official, high resolution image of your company logo (svg/png) to frc5587@gmail.com to be used on team publications and materials.