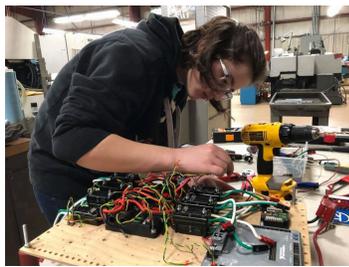




Partnership Program Information

Team 2337 - The EngiNERDs

Grand Blanc High School Varsity Robotics Team



Who Are We

The Grand Blanc High School Robotics Team 2337, also known as The EngiNERDs, is a FIRST Robotics Team. The EngiNERDs Rookie Season began when two Students, Matt Dearlove and Gage Hainer, approached Clinton and Brandi Bolinger with interest in founding a FIRST Robotics Team as a club at Grand Blanc High School. After months of research and effort, Team meetings began in the fall of 2007. At the end of their Rookie season, the Team consisted of ten Mentors, two Student Team Captains and twenty-five Students, and currently operates with over fifteen adult and Team Alumni Mentors, two Team Captains, 16 Student Section Leaders, and forty Varsity Student Team Members.

After winning their first District Competition in 2010, the Grand Blanc High School Robotics Team set high expectations for the following years. 2011 brought about great success, with a District Chairman's Award, winning two District Competitions, as well as numerous Team awards. In 2013, The EngiNERDs' Robot was finalist at the Michigan State Championship and we became the youngest team to win the Regional Chairman's Award at the Michigan State Championship, and went on to compete at the FIRST Championship for this prestigious award. 2014 became the winningest FIRST season for the EngiNERDs, who were ranked first entering the Michigan State FIRST Robotics Championship, after winning two District Competitions, a District Finalist, a District Chairman's Award, an Engineering Inspiration Award.

Unlike some Teams in the FIRST Robotics Competition, The Grand Blanc High School Robotics Team takes a very hands-on approach to the process of designing, prototyping, building, programming, and operation of the Robot. All design ideas are student-driven, and the remainder of the processes is lead by students. The role of Team Mentors is to collaborate with students in completing tasks in a safe and timely manner, and introduce students to new information and practices. The EngiNERDs' two Head Mentors oversee all operations, and ensure that Students and Mentors are working together toward a common goal.

One of the main focuses of the Team is service within the community. Through their outreach efforts, the EngiNERDs have collected more than 1200 pounds of aluminum can tabs for the Ronald McDonald House Charities through their "Pulling Together for Faith" initiative, raised nearly \$10,000 for Children's Miracle Network at Hurley Medical Center in Flint through "Extra Life", and provided local families in need with holiday dinners and Christmas gifts in conjunction with "FISH Families" charities.

To spread the word of FIRST, Team 2337 has partnered with the Mid-Michigan Robotics Alliance (MMRA) to participate in demonstrations at Flint's Back to the Bricks and Sloan Auto Fair celebrations, reaching more than one million patrons! The EngiNERDs annual Robot Boot Camp has become an object of interest to other FIRST Robotics Teams throughout the state of Michigan, whose Students, Mentors, and Parents attend in order to gain knowledge of how to run a FIRST Robotics Team, and skills to successfully navigate through build and competition seasons. EngiNERDs Students and Mentors volunteer at three FIRST Lego League Competitions, and act as judges, referees, runners, queuing managers, as well as assist with set-up, tear-down, and organization of the events. Several Students on Team 2337 coach 5 Grand Blanc Middle School Robotics Teams, where students act as the Lead Young Adult Mentors.

The Mission Statement of the Grand Blanc High School Robotics Team was developed by Students in collaboration with Mentors, in order to describe the intentions and goals of The EngiNERDs. This mission is to promote innovative ideas and actions through collaboration of Students, Mentors, and Partners in development, construction, promotion and operation of a FIRST Robotics Team. Students and Mentors will complete tasks that will assist in developing business skills that will be applicable in real-life situations, and will assess every situation as an opportunity to learn. Members of the Grand Blanc Robotics Team will maintain Gracious Professionalism toward all Teammates, other FIRST Robotics Teams, as well as their community, in order to gain an understanding of the importance of networking and professional communication.

The Grand Blanc High School Robotics Team holds all of its members - both Students and Mentors - to a very high standard at all times. All Students must maintain a minimum of a 2.5 Grade Point Average in order to travel with the Team, and are required to submit monthly progress reports to track performance and promote academic excellence. Mentors encourage Students to ask for assistance with school-work when needed, and offer aid with homework assignments on a continual basis. Head Mentors encourage every Student to attend post-secondary education, and require all graduating EngiNERDs apply for applicable FIRST Robotics Scholarships. Since 2008, Six graduating EngiNERDs students have been awarded the Kettering University FIRST® Robotics Scholarship, each worth \$22,500 and a combined value of \$157,500.

Through our outreach efforts, the EngiNERDs have collected more than 2,470,650 pop can tabs for the Ronald McDonald House Charities through our "Pulling Together for Faith" initiative - that's enough to span 39 miles! The team has also raised over \$25,000 for Children's Miracle Network at Hurley Medical Center in Flint through "Extra Life", and provided local families in need with holiday dinners and Christmas gifts in conjunction with "FISH Families" charities. We support "A Million Thanks" with our Soldier Card Table where competition attendees create cards for deployed soldiers - totaling nearly 7,500 cards and care packages sent since 2013.

The EngiNERDs are active on Social Media and can be found on Facebook, Twitter, and Instagram, @Team2337

Team Accomplishments (Past 2 years)

2018 FIRST Robotics Competition Season



St. Joseph District Competition

Seeded #4th
District Chairman's Award

Troy District Competition

Seeded #7th
Finalist
Excellence in Engineering Award
sponsored by Delphi

Forest Hills District Competition

Seeded #3rd
Winner
Industrial Design Award
sponsored by General Motors

Michigan State Championship - DTE Division

Seeded #1st
District Championship Finalist
Quality Award
sponsored by Motorola Foundation

FIRST Championship, Darwin Division

Quarter-finalist
Gracious Professionalism Award
sponsored by Johnson & Johnson

Indiana Robotics Invitational

Quarter-finalist

Bloomfield Girls Competition

Winner

Kettering Kickoff Competition

Finalist

2017 FIRST Robotics Competition Season



Kettering District Competition

Seeded #5th
Semi-finalist
Gracious Professionalism Award
sponsored by Johnson & Johnson

Troy District Competition

Seeded #3rd
Finalist
Gracious Professionalism Award
sponsored by Johnson & Johnson

Shepherd District Competition

Seeded #2nd
Innovation in Control Award
sponsored by Rockwell Automation

Michigan State Championship - DTE Division

Seeded #1st
Winner
Industrial Design Award
sponsored by General Motors

Michigan State Championship

Semi-finalist

FIRST Championship, Archimedes Division

Semi-finalist
Team Spirit Award
sponsored by FCA Foundation

Indiana Robotics Invitational

Seeded #2

Kettering Kickoff Competition

Winner

What It Takes

Due to the high costs of running a FIRST® Robotics Team, funding for the Grand Blanc High School Robotics Team is heavily reliant on donations from Corporate Companies and Local Businesses. Partnership donations are used to cover registration fees, building materials, Team expenses and general operation of the Grand Blanc High School Robotics Team. Partnership donations have an immense impact on The EngiNERDs' Students, by providing financial backing to create once-in-a-lifetime experiences. By working hand-in-hand with companies to promote their business, Students also gain an appreciation for "real-world" business sense, as well as an introduction to the corporate business atmosphere.

All donations are fully tax-deductible, and all funds are handled directly through Grand Blanc Community Schools' Main Office.

The following is an estimate and summary of the cost associated with operation of the Grand Blanc High School Robotics Team for the 2019 Season. These numbers are an estimate only, and are subject to change.

Main Season Events

First and Second District Competitions
First and Second District Competition Entry Fees and Robot Kit of Parts
\$5000

Third District Competition
Registration Fee
\$500

Michigan State Competition (if qualified)
Registration Fee
\$4000

FIRST® Championship Competition (if qualified)
FIRST® Championship Competition Registration Fee
\$5000
Transportation Cost for FIRST® Championship
\$19,400
Food and Lodging Cost for FIRST Championship
\$27,500

Post Season Events

Registration Fees
\$2000
First and Second District Competitions
\$5000
Third District Competition
\$500
State Competition
\$4000
Post-Season Events
\$2000
Operation and Promotion Materials
\$3000

Summary of both season and off season events

First and Second District Competition
\$5000

Third District Competition
\$500

State Competition
\$4000

Post-Season Events
\$2000

Operation and Promotion
\$7000

Total Cost (excluding FIRST®
Championship)
\$18,500

Championship Competition
\$52,000

Total Cost (Including Championship)

\$70,500

Levels of Partnership

By donating monetary funds, labor, materials, or in-kind donations, Partners will gain recognition and advertisement throughout the entire 2019 season. Level of representation is based on the amount of donation, and the various levels are as follows:

Platinum Partner

\$10,000 or higher monetary contribution

Platinum Partner Benefits:

- Recognition in all competition announcements, programs, and listings
- On -site Scheduled Partner Demo Day
- Full Page Listing at all events on Digital Signage
- Gift of Team Shirt
- Feature on team Letterhead
- Invitation to Partner Showcase on February 19, 2019
- Logo prominently displayed on robot, banners, brochures, and letterhead
- Logo prominently displayed on Team uniforms (if Partnership is received on or before February 2, 2019)
- Company recognition in local, regional, and national media coverage (where available)
- Company name included in official Team Name and in Team portfolio (if Partnership is received before February 2, 2019)
- Highlighted on Team website
- Honorary Team membership at all attended events, including national competition
- Full page feature in Team Partner Directory

Gold Partner

\$5,000 - \$9,999 monetary contribution or \$7,000 or higher in-kind contribution

Gold Partner Benefits:

- Full Page Listing at all events on Digital Signage
- Gift of Team Shirt
- On-site Partner Demo Day Invitation to Partner Showcase on February 19 , 2019
- Feature on Team Letterhead
- Large logo displayed on robot, banners, brochures and letterhead
- Large logo displayed on Team uniforms (if Partnership is received on or before February 2, 2019)
- Local, regional, and national media coverage (where available)
- Company name included in official Team Name and in Team portfolio (if Partnership is received before February 2, 2019)
- Highlighted on Team website
- Honorary Team membership at district and State competitions and at promotional events
- Half page feature in Team Partner Directory

Silver Partner

\$2,000 - \$4,999 monetary contribution or \$ 3,000 - \$6,999 in-kind contribution

Silver Partner Benefits:

- Half Page Listing at all events on Digital Signage
- Gift of Team Shirt
- On-site Partner Demo Day Invitation to Partner Showcase on February 19, 2019
- Medium logo displayed on robot, banners, brochures and letterhead
- Medium logo displayed on Team uniforms (if Partnership is received on or before February 2, 2019)
- Local, regional, and national media coverage (where available)
- Company name included in official Team Name and in Team portfolio (if Partnership is received before February 3, 2019)
- Listing on Team website
- Representative spot at all promotional events
- Quarter Page feature in Team Partner Directory

Bronze Partner

\$500 - \$1,999 monetary contribution or \$ 500 - \$2,999 in-kind contribution

Bronze Partner Benefits:

- Half Page Listing at all events on Digital Signage
- Logo displayed on robot
- Small Logo on uniforms (if Partnership is received on or before February 2, 2019)
- Logo displayed on Pit banners and brochures
- Listing on Team website
- Recognition at community events
- Gift of Team shirt
- One eight page feature in Team Partner Directory
- Invitation to Partner Showcase on February 19, 2019

Contributor

\$250 - \$499 monetary or in-kind contribution

Contributing Partner Benefits:

- Small logo displayed on robot
- Listing on Team website Listing feature in Team Partner Directory
- Gift of Team Shirt
- Company Name featured in text on Team uniforms (if Partnership is received on or before February 2,2019)
- Invitation to Partner Showcase on February 19, 2019

All partners will be invited to attend district and state competitions as well as community events.

Materials and volunteer time qualify as in-kind contributions, and value of such contributions shall be acknowledged.

All partners are entitled to an annual financial report at the end of each season, in September, per request.

Program partners may make donations payable to Grand Blanc Community Schools, and note "account 67 - HS Robotics" in the memo

Mail to:

FIRST Robotics Team 2337, c/o Premier Tooling Systems
3111 Tri-Park Drive,
Grand Blanc MI, 48439, USA

Benefits of Partnership

The Grand Blanc High School Robotics Team takes advantage of all available methods of promotion to support the donations of Corporate Companies and Local Businesses. In addition to advertisement, Partnering The EngiNERDs creates additional benefits that affect not only Team Members, but also to the Companies and Businesses who contribute.

Increase Publicity and Visibility

- Company Recognition through acknowledgement in Grand Blanc High School Robotics Team publications (based on level of Partnership) and Press Release
- Worldwide Exposure to over 460,000+ Students, 120,000+ Mentors & adult support roles, along with 110,000 volunteers in 85+countries such as Canada, Mexico, Great Britain, Israel, and the United States
- Television Coverage on ABC12, NBC25, RoboSports Networks, Fox Sports RoboZone ,Detroit Public Television, and many other national and local stations which have shown the FIRST® Robotics competition in whole and in part
- Media Publications such as The View Newspapers, The Flint Journal, My City Magazine, and online sources such as Business Week and CNN.com have covered FIRST Robotics Teams and events

Create Educational Opportunities for Students

- Engineering and Business Concepts are introduced to Students with the assistance of workforce professionals
- Problem Solving Skills are assessed and expanded through exposure to real-world situations
- Planning and Organizational Routines that Students can apply in all areas of life become second nature
- Social Skills are acquired and developed due to exposure to a diverse group of people and situations
- Scholarship Opportunities over \$20,000,000 are available to all Students who participate in FIRST Robotics
- Quick Decisions must be made and carried out as a Team, fostering innovative thinking and Teamwork
- Students take tours of Partner facilities, introducing them to real-world work environments

Boost Company Morale

- Renewed Inspiration is provided to company engineers and employees
- Increase Volunteerism by offering employees an exciting and gratifying Mentor position
- Strengthen Company Reputation within the community
- Provide Opportunities for employee Team building and training
- Offer employees a sense of satisfaction and pride to support The EngiNERDs

More Information

For more information on the Grand Blanc High School Robotics Team, please visit the EngiNERDs' website at www.Team2337.com or contact one of the Team's Head Mentors.

Brandi Bolinger
bbolinger@gmail.com
248 .249. 1983

Clinton Bolinger
cbolinger@gmail.com
810. 394. 3273

Our 2018 Season Partners

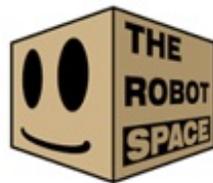
The EngiNERDs would like to thank the following Corporate Companies and Local Businesses for their gracious contributions that made this amazing season possible:



Microsoft



FIAT CHRYSLER AUTOMOBILES



Kettering
UNIVERSITY



GLOBAL
AUTOMATION TECHNOLOGIES



Interpower
INDUCTION



Other Gracious Partners: Bubble Bee Tea, Domino's Pizza, Grand Blanc Farmers Market, George Grantz Family, The Hotdog Stand, Gage Hainer, Berry Family