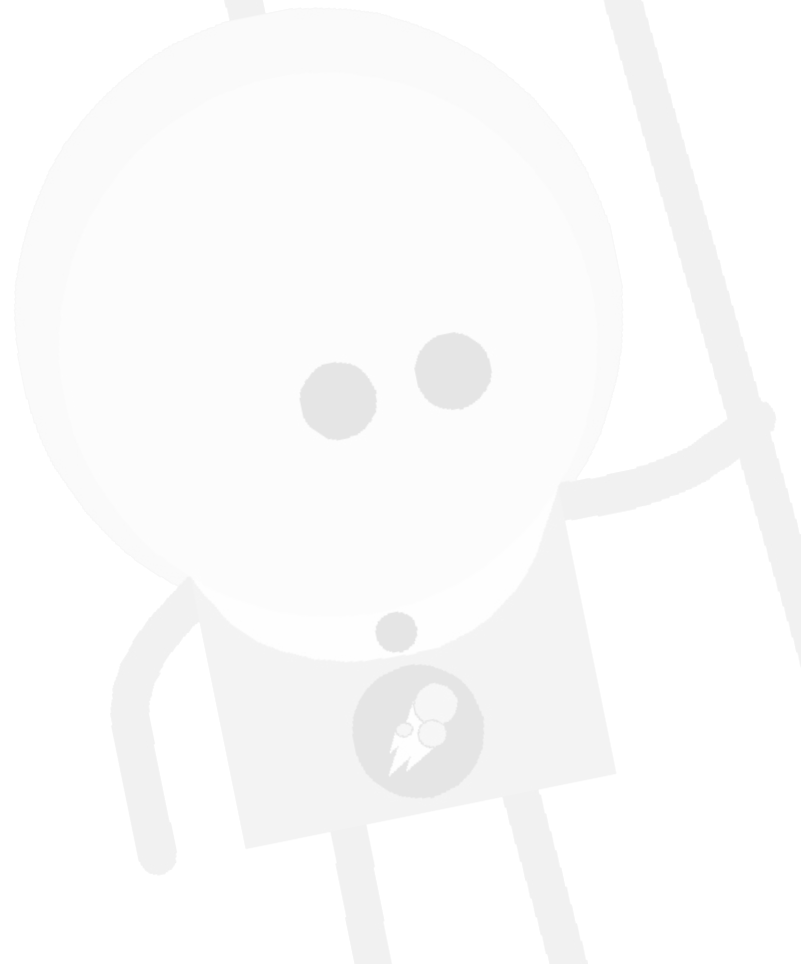




I #3928 Team Neutrino

I 2022 Business Plan





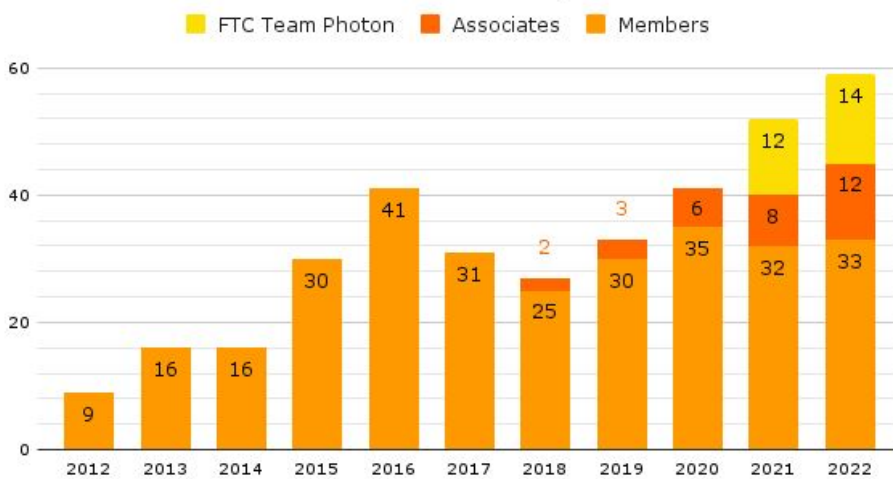
TEAM NEUTRINO

Team History and Growth at a Glance

Mission Statement

Team Neutrino's mission is to develop ourselves as leaders, engineers, and community partners, working every day to achieve more with our robots, in our community, and from ourselves than we did the day before.

Membership



Overview

- Founded in 2011
- From Ames, Iowa
- Meets at Iowa State University (ISU)
- Story County 4-H

Sustainability

- 3928 hosted 9 summer training camps to teach new members skills necessary for the 2022 build season.
- 3928 utilizes a Google Drive "Timeless" folder to manage online documentation through photos, projects, outlines, and communication records.
- Subteams met through the team's Leadership Core before build season to set goals and begin integrating new members onto teams they're passionate about.
- Operations Manuals for graphics, fundraising, and mentoring provide insight and a record of past team methods.

For more information, visit



TEAM NEUTRINO

Team Engagement at a Glance

Sponsors

- 3928 establishes personal relationships with 27 sponsors in our community and internationally.
- 51% of 2022 sponsors are new relationships established by the fundraising team since 2021.
- We visited 7 of our sponsors in the season to demonstrate our commitment to the professionals who support us.
- Students send out weekly updates on team progress to sponsors during build season.



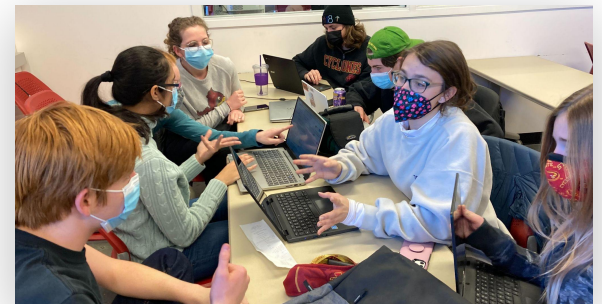
Mentors

- Mentors allow students to take the lead while providing guidance.
- They connect with students through team meeting hours and social events such as movie nights and holiday parties.
- Mentors guide students through experiences similar to real-world jobs as build season challenges arise.



Students

- 3928 keeps students focused by enabling them to choose a subteam they enjoy.
- The Associate Role allows non-full team members to work/learn with 3928 through camps, outreach and mentoring.
- 3928 hosts casual events such as movie nights and parties to build fellowship and social connections among the team.
- Leaders maintain a culture of accountability while ensuring students have valuable experiences.



For more information, visit



TEAM NEUTRINO

Marketing and Recruitment at a Glance

Social Media (2022)



@frcneutrino
35 followers



Team Neutrino
124 subscribers

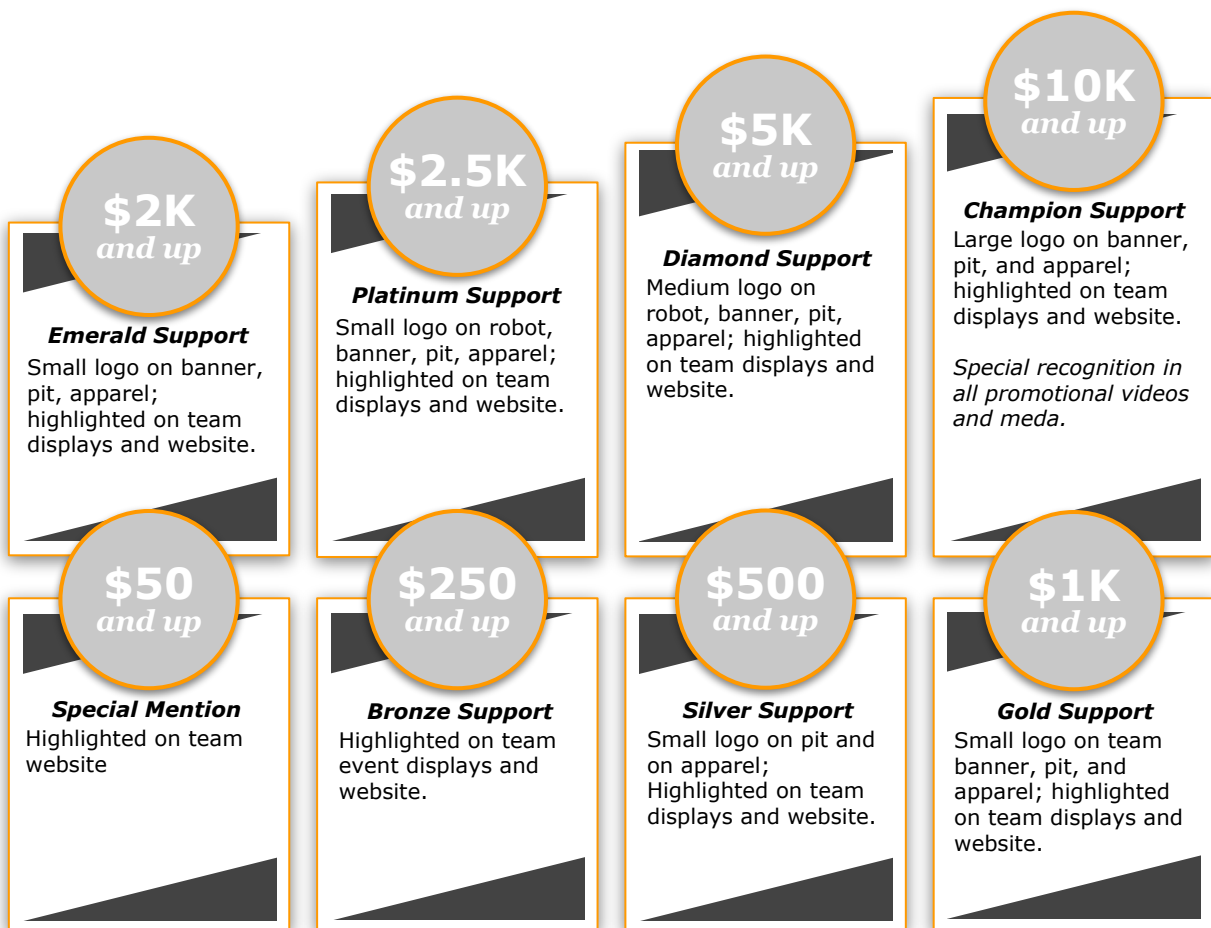


@frcneutrino
865 followers



@frcneutrino
884 followers

- Team Neutrino reaches our sponsors and supporters through our social media as well as outreach and recruitment events.
- We send out weekly newsletters during build season and bi-monthly during offseason to our friends and sponsors. These are then available at the end of each season on our website for anyone to read.
- We visit all of our local sponsors and partners yearly, to maintain strong sponsor relations and update them on the team's progress in person.



For more information, visit

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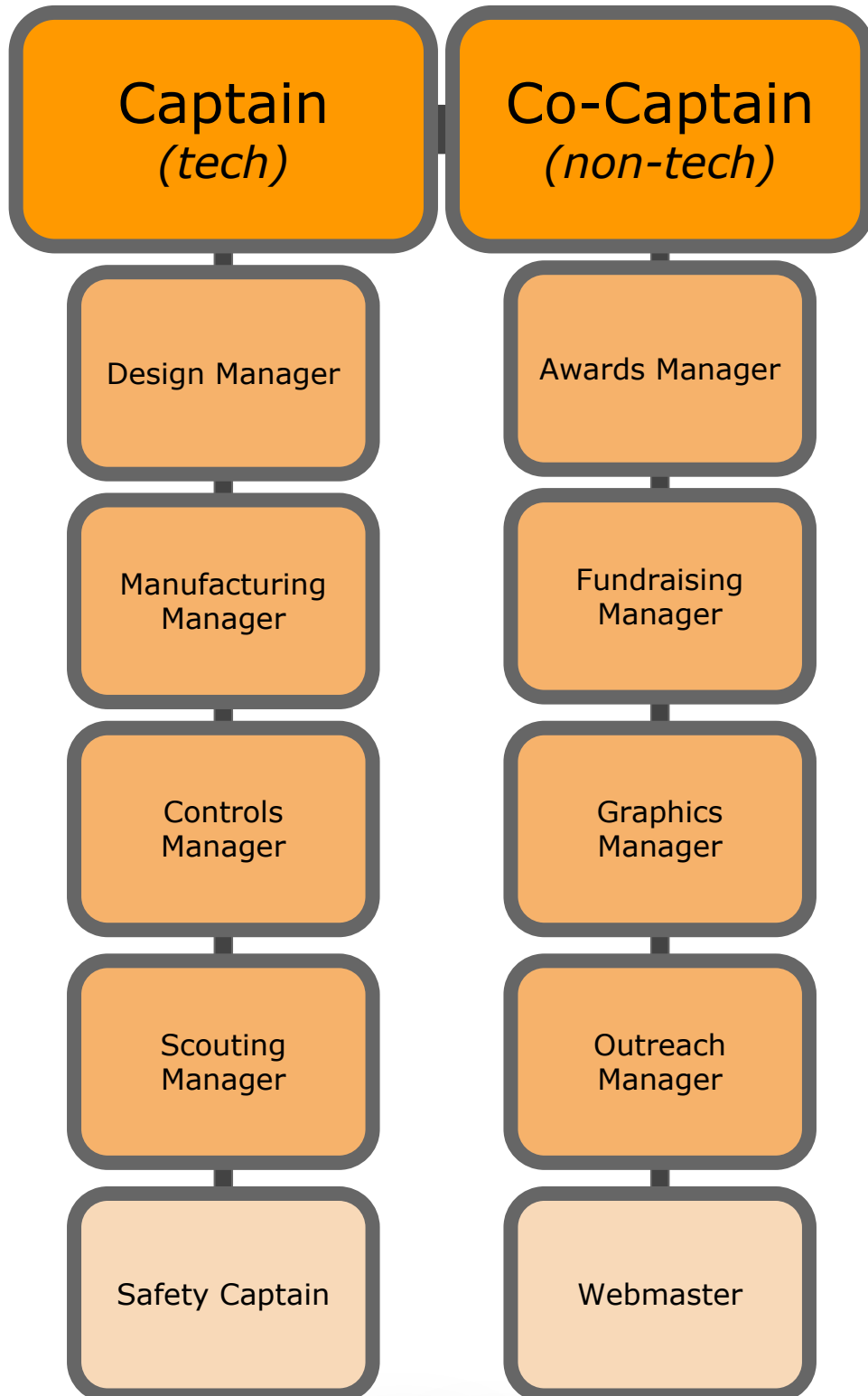


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Subteam Organization at a Glance



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TEAM NEUTRINO

SWOT Analysis at a Glance

Strengths

- 3928 recruits members from around Story County, providing a diverse group of students.
- 47% of mentors have FIRST experience as students themselves.
- Team Neutrino established FIRST programs at 6/10 Ames Community schools in the form of 99 FLL and FLL Explore teams since 2014.
- 55% of our members have prior FIRST experience.
- Our team structure dramatically improves subteam communication and unity.

Weaknesses

- 29% of mentors have college studies to attend to and eventually graduate, making sustainability crucial.
- A majority of the team is involved in more than one subteam area, which can lead to students spreading their attention too thin.
- 40% of members will graduate after the 2022 season, creating a need for training and documentation alike.
- With drive team practice split between our workspace and an offsite field setup, transporting the competition robot takes mentor support, advance planning, and time.

Opportunities

- The community surrounding 3928 is close knit, and provides 3928 with frequent opportunities to procure new sponsors and event partners.
- With 33 members, 3928 has the ability to sustain widespread impact; of our 56 outreach events since 2019, 40% have been first-time events.
- ISU provides global connections; we are starting an FRC team in Iraq and supporting the FLL program in Haiti.

Threats

- Because 3928 uses ISU Boyd Lab, we can't machine parts for the robot when classes are scheduled. The team schedules our meetings for later times and utilizes other equipment when necessary (e.g. the team owned CNC).
- Pandemic-related stress on our partners has caused a significant decrease in available funding over the past 2 years, meaning new relationships are essential.

For more information, visit

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TEAM NEUTRINO

Financial Statement at a Glance

Priority 1	Total \$18,000.00
Regional #1 Registration	\$5,000.00
Competition Robot/Practice Robot	\$5,000.00
Field Materials	\$200.00
Bus Rental to/from events	\$6,000.00
Robot Transportation - gas reimbursement	\$400.00
Mentoring	\$500.00
Outreach	\$500.00
Workspace Expenses (Morton Bldg)	\$200.00
Trailer Rental	\$200.00

Priority 2	Total \$9,600.00
Regional #2 Registration	\$3,000.00
Champs Registration (if qualify)	\$5,000.00
Cow Town Throwdown	\$300.00
Printed Materials	\$300.00
Tools	\$300.00
Tech Supplies	\$200.00
Non Tech Supplies	\$200.00
Graphics/Media	\$300.00

Priority 3	Total \$700.00
Offseason Event	\$250.00
Team and Mentor T-shirts	Separate fund
Team Meals (not including competitions)	Separate fund
Mentor/Scholarship Competition Funding	Separate fund
Competitions (Hotel, Food, Insurance)	Separate fund
Gifts (senior gifts, academic letters, condolences, etc)	\$450.00
Storage Carts	\$0

- Team Neutrino's income is made up of in-kind donations, grants, and monetary donations alike.
- We keep extensive documentation of all our financial transactions using a three tiered fundraising system.
- Our variety of spreadsheets divides expenses into priorities one, two, and three based on the expenses' impact to cost ratio.
- This allows us to allocate our resources to sustain the largest possible impact on our students' education and community alike.

For more information, visit