

# BEARCATS ELECTRIC RACING

AT THE UNIVERSITY OF CINCINNATI

## BEARCATS ELECTRIC RACING 2024-2025 SEASON SPONSOR INFORMATION PACKAGE



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## ABOUT THE TEAM



The Bearcat Electric Vehicle (BEV) team is a multidiscipline group of students from the University of Cincinnati who work year-round to design & manufacture a Battery Powered Electric Vehicle in accordance with the FSAE governing bodies rules and regulations. We exist to be a team that fosters the technical and collaborative skills of all who participate so that we can equip our team members to be successful in all that they pursue on and off the track.

### OUR TEAM HAS CO-OP EXPERIENCE FROM:



GE Aviation



RIVIAN



TESLA



HONDA

AECOM

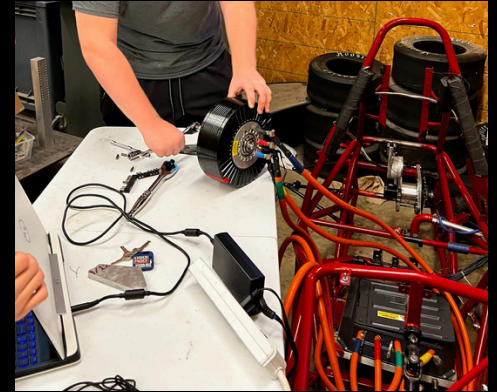
BILSTEIN



# HISTORY

## EV-0

EV0 was Bearcats Electric Racing's first attempt at a Formula Electric race car. Founded during COVID, Bearcats Electric Racing took the first year to develop concepts, create preliminary designs, and fundraise. The team was able to create a bench-level battery and powertrain setup and started manufacturing an accumulator.



## EV-1

EV1 was the University of Cincinnati's first-ever student-built electric car. Using powertrain and battery lessons from EV0, Bearcats Electric Racing designed, fundraised and built a complete electric vehicle. EV1 was the first vehicle that made it to competition, which passed mechanical and accumulator inspection, but had intermittent BMS issues preventing them from completing electrical inspection.



## EV-2

EV2 overhauled the electrical and battery systems of EV1 to create a much more reliable, professionally built, and efficient vehicle. At the competition, EV2 passed all static inspections for the first time. The accumulator had water ingress during the rain test, but that did not stop the team from completely disassembling the accumulator, removing the water, improving waterproofing, and passing rain the second time around after repeating accumulator and electrical inspections. The vehicle was extremely close to passing the brake test but ran out of time at the competition to fix some new powertrain issues. These powertrain issues have since been fixed and the team is excited to move forward with its next racecar, EV3.



## ABOUT THE COMPETITION

The Formula SAE competition gives team members the opportunity to demonstrate engineering skills while competing against teams from other universities around the world. The competition is made up of both static and dynamic events such as design, presentation, cost, acceleration, skid-pad, autocross, endurance, and efficiency. In each of these events, the teams are given a score according to performance. The competition is split into two parts, static and dynamic events. As teams compete, they earn points as per the chart below, resulting in a total score, out of 1000 points.

### Static Events

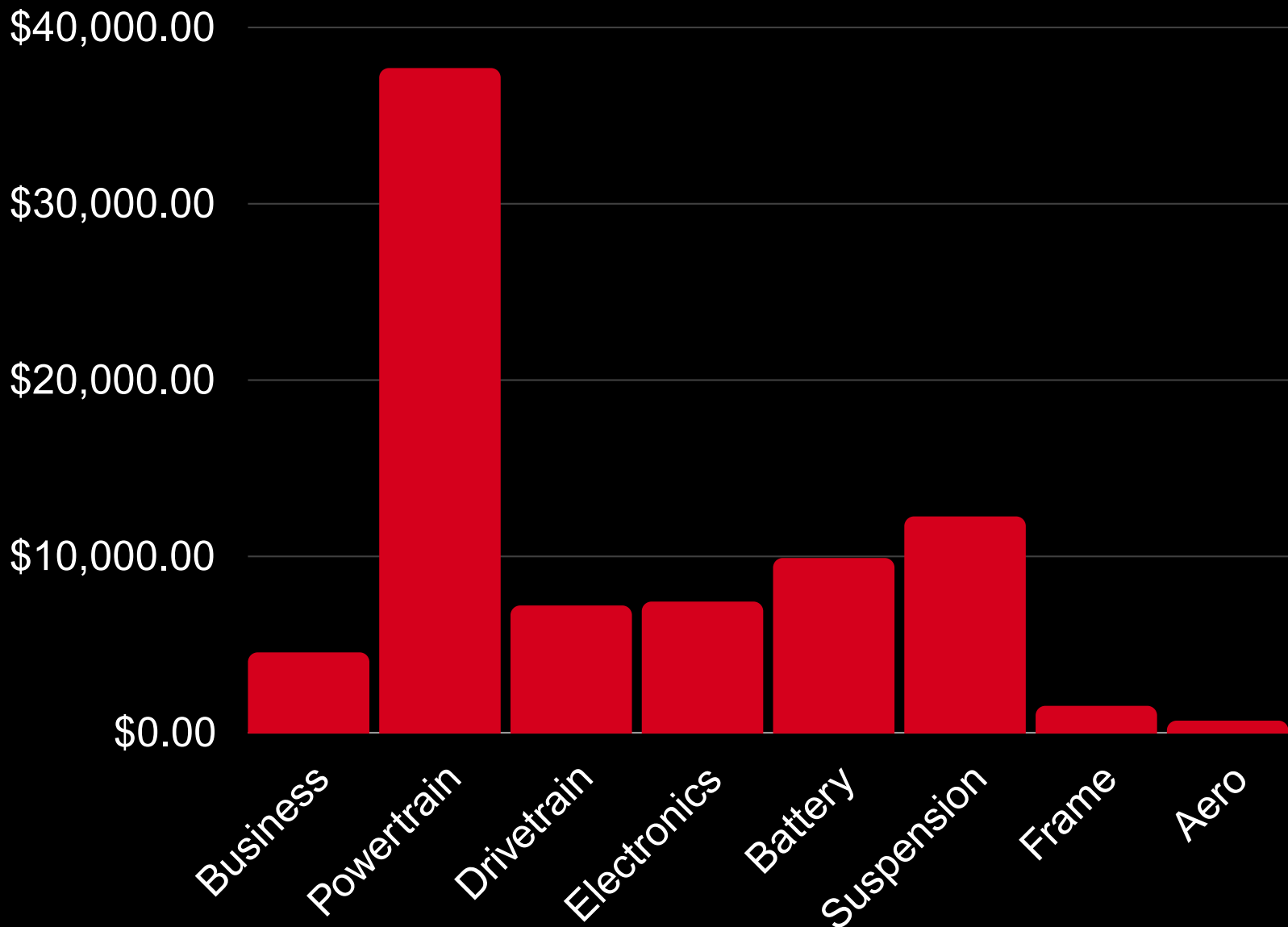
Business Presentation 75 points  
Engineering Design 150 points  
Cost Analysis 100 points

### Dynamic Events

Acceleration 75 points  
Skid-Pad 50 points  
Autocross 150 points  
Endurance 300 points  
Efficiency 100 points



## 2024-2025 COST PREDICTIONS



**Total cost for the 2024-2025 Season:**

**\$81,298.42**

# SPONSORSHIP TIERS

	<b>Title</b> <b>\$20,000+</b>	<b>Gold</b> <b>\$10,000+</b>	<b>Silver</b> <b>\$5,000+</b>	<b>Bronze</b> <b>\$1,000+</b>	<b>Bearcats</b> <b>\$100+</b>
<b>Name or logo on team website</b>	✓	✓	✓	✓	✓
<b>Name or logo on the racecar</b>	<b>Title Location</b>	<b>Large</b>	<b>Medium</b>	<b>Small</b>	
<b>Signed team photo</b>	✓	✓	✓	✓	
<b>Social media thank you</b>	<b>3 Posts</b>	<b>2 Posts</b>	<b>Post</b>	<b>Story</b>	
<b>Access to team resumes</b>	✓	✓	✓	✓	
<b>Logo on team shirt</b>	✓	✓	✓		
<b>Tour of BEV facilities</b>	✓	✓	✓		
<b>5 BEV team shirts</b>	✓	✓			
<b>Logo on team polos/jackets</b>	✓				
<b>5 BEV team polos</b>	✓				

*Donations can take many forms. Financial donations, product donations, product discounts, or service time are all valid & accepted forms of donation. Whether donations are monetary or material in form, they will be considered and placed in the appropriate category based on your estimate of monetary value.*

## DONATION AND CONTACT

Bearcat Electric Vehicle is comprised of passionate and dedicated members who strive to engineer, fabricate, test and compete with a Formula One-style race car at an annual collegiate competition. It is thanks to sponsors like you that we are able to construct a car and function as a team, while continuing to teach future engineers real-world design and management skills. While The University of Cincinnati supplies us with a working space, tools, and a machine shop, we simply could not ensure the longevity of our organization without sponsor support. If you are interested in donating to the Bearcat Electric Vehicle program, please follow the instructions on this page to make your contribution.

For more information about Bearcat Electric Racing team, contact us using any of the methods listed below. To discuss a customized sponsor package or a donation to the team, please contact Mats Kamnes. We appreciate your interest in Bearcat Electric Racing Team and we look forward to partnering with you.

### Business Lead

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Jonathan Steinke  
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### Faculty Advisor

Jacob Cress  
cressja@ucmail.uc.edu

### Team Email

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### Mail-in Donations

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Bearcat Electric Vehicle  
2851 Woodside Drive  
504 Rhodes Hall  
Cincinnati OH 45221



### Our Links

[HTTPS://LINKTR.EE/BEARCADEV25](https://linktr.ee/bearcatev25)

### Online Donations

[HTTPS://FOUNDATION.UC.EDU/DONATE?ID=F94F26B8-4945-4E45-8121-B7B6B484998C](https://foundation.uc.edu/donate?id=f94f26b8-4945-4e45-8121-b7b6b484998c)



THANK YOU TO OUR 2024 SPONSORS!



TESLA

**Altium**



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STUDENT GOVERNMENT

