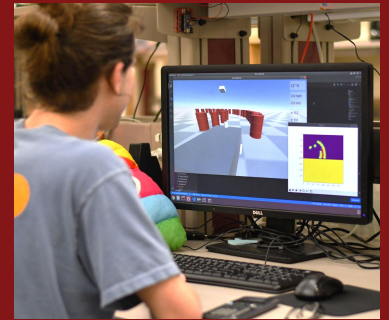




# SOONER COMPETITIVE ROBOTICS

 [ou.edu/scr](https://ou.edu/scr)

 [scr@ou.edu](mailto:scr@ou.edu)



2023-2024 Sponsorship Packet

# Our Mission

The mission of **Sooner Competitive Robotics (SCR)** is to build engineering excellence within the **Gallogly College of Engineering (GCoE)**, the **University of Oklahoma (OU)**, and the **State of Oklahoma**.

SCR accomplishes our mission by providing **real engineering experience** to OU students through creating robots that compete in a variety of robotic competitions. We support GCoE through actively engaging in outreach opportunities such as through engineering recruitment events and collaborations with other university organizations. Finally, we ensure our alumni graduate with the experience and industry skills to be the difference wherever they go.



[ou.edu/scr](http://ou.edu/scr)

[scr@ou.edu](mailto:scr@ou.edu)

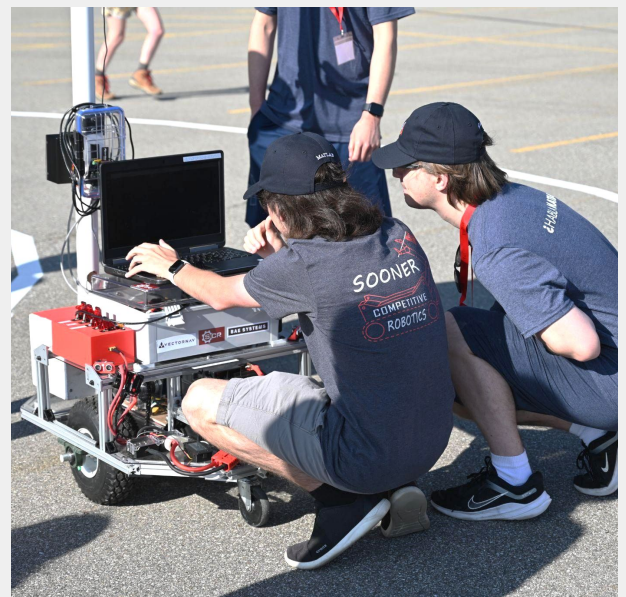


# Our Teams

## IGVC - AutoNav

Our AutoNav team competes at [IGVC AutoNav](#), an annual international competition focused on **autonomous vehicle navigation** through a complex course. Each year, this team builds an entirely new robot so that all members have an opportunity to learn. Unique to our team is a strong focus on using industry standard hardware and software.

*In our first three years competing, we achieved **1st** in 2021, **2nd** in 2022, and **1st** in 2023!*



# Our Teams

## IGVC - Self Drive

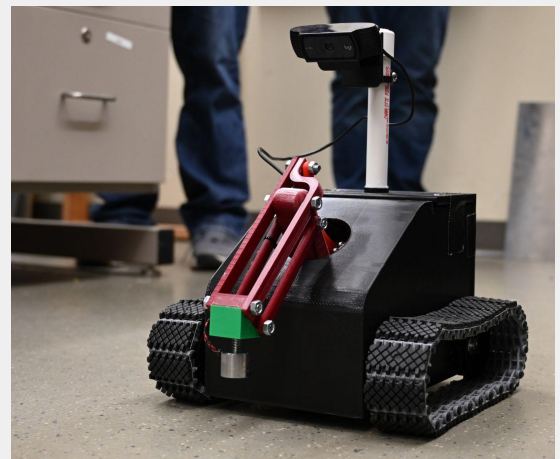
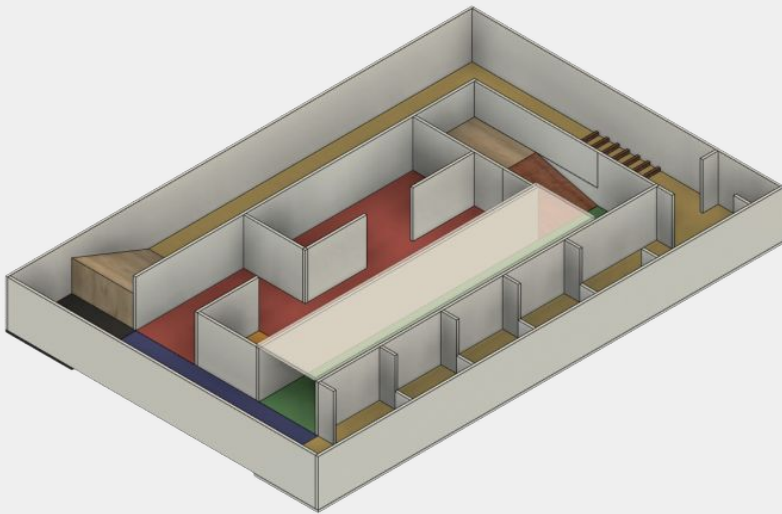
Our Self Drive team is our newest team currently set to compete at [IGVC Self Drive](#) in 2025. This team modifies a standard electric utility vehicle to become fully autonomous, navigating a complex course and completing various challenges.



# Our Teams

## STORM

The [Student Tele-Operated Robotics Mission \(STORM\)](#) is a new robotics competition we both host and compete at. This team builds a robot that can perform difficult terrain traversal and is able to interact with a variety of objects. The competition requires that all robots must be controlled from a separate location, creating a need for localizing sensors and cameras.





# Our People

Robotics is an interdisciplinary field and our members get the experience of working with a diverse set of students. SCR provides a welcoming environment that lets our members grow and learn skills both within their discipline and in others. On our team, everyone gains experience in a variety of engineering skills such as

## Electrical

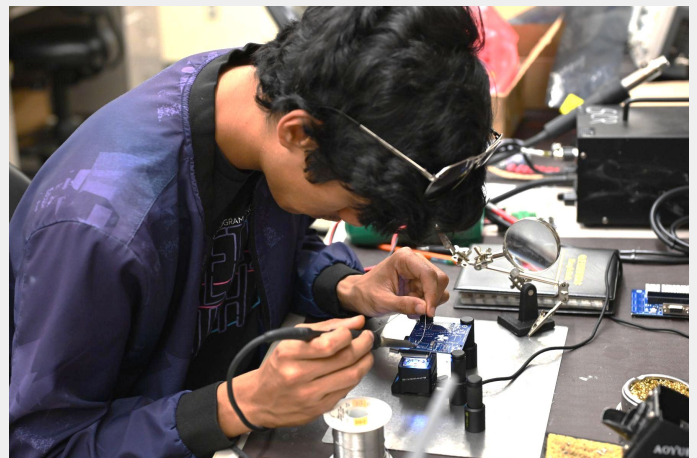
- Analog & Digital Circuit Design
- PCB Design
- ECAD Tools (Altium, KiCad)
- Digital Logic

## Mechanical

- CAD Design
- Mechanical Parts Fabrication
- Design Calculations
- Rapid Prototyping

## Software

- Robot Operating System (ROS)
- AI, Machine Learning, Vision, and Path Planning
- Simulation Design
- Embedded Software



# Why Sponsor

## Represent your company

We represent all of our sponsors at **every competition, outreach event, and recruitment event we attend**. We work closely with each of our sponsors to ensure that your contribution gives as much to your company as it does to us.

## Support young engineers

Our alumni help form the success of engineering teams all across the nation. SCR builds engineers ready to graduate with all the skills they need to **excel in any career**. Our sponsors get priority in advertising their career and internship opportunities to our members.

## Ensure SCR's future success

Every donation to our team helps us buy better equipment for our lab, more materials for our robots, and support more of our events. **Our success inspires** and our alumni often cannot overstate the impact our team has had on their lives.



# Sponsor Tiers

Benefits	Bronze \$100+	Silver \$1,000+	Gold \$4,000+
Recruiting Opportunities	✓	✓	✓
Social Media Features	✓	✓	✓
Company Visit to our Lab		✓	✓
Logo on Website	✓	✓	✓
Logo on Team Shirt	Small	Medium	Large
Logo on AutoNav Robot		Medium	Large
Logo on Self Drive Vehicle		Medium	Large

## *TITLE SPONSOR \$10,000+*

All benefits of Gold plus

- ↪ Have us demo or table at one of your events
- ↪ Logo on a banner in OU Engineering Practice Facility
- ↪ Open discussion to other benefits

*We also welcome contributions of gifts in kind, parts, materials, or other services your company may offer! Sponsor tier determined by fair market value (except Title Sponsor).*





# Contact Us

Interested in sponsoring us or have any questions?  
Email us at [scr@ou.edu](mailto:scr@ou.edu)

Follow us on social media!

Website [ou.edu/scr](http://ou.edu/scr)  
Instagram [instagram.com/ou\\_scr/](https://www.instagram.com/ou_scr/)  
LinkedIn [linkedin.com/company/ou-scr](https://www.linkedin.com/company/ou-scr)  
Facebook [facebook.com/OURobots/](https://www.facebook.com/OURobots/)  
YouTube [youtube.com/@ou\\_scr](https://www.youtube.com/@ou_scr)



[ou.edu/scr](http://ou.edu/scr)

[scr@ou.edu](mailto:scr@ou.edu)