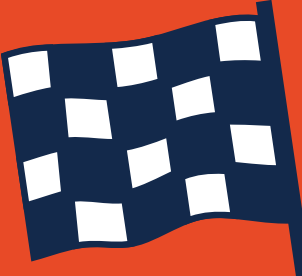


UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN

OFF-ROAD ILLINI

JUNE 2025



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DRIVING CAR



After the huge progress made during winter manufacturing, the team continued work to hit rolling car in February and driving car in March. Rolling car was hit on time with success, and the steering was finished shortly after. Many more shop days followed to complete the car in time for driving car, such as the working on the steering box, propshaft, and axles. Unfortunately, our gearbox was lost by MechSe for over 3 weeks, so we were not able to hit driving car before power coating like originally planned. However, as soon as Dallas was powder coated, the leadership team spent a whole day in shop to hit driving car with success! After this huge accomplishment, the team worked on finishing touches, such as the floor pan, livery, splash shield, and finger protection. We were able to finish the majority of the car several weeks before competition, which allowed us to complete plenty of testing in late April and work on our design presentations.

SPRING 2025



AZ COMPETITION

In late April, the team traveled by car and plane to Marana, Arizona for the first competition of the season! On Day 1, we waited in line all day for engine tech and narrowly missed getting a tech spot, but we secured a tech number by the end of the day. On Day 2, we presented design right at 9 am. Since we were the first school to present, several judges were being trained, and we ended up presenting to around 20 judges total. Luckily, it went extremely well, and we even earned the highest suspension subteam score of the entire competition! We finally went through tech later in the afternoon, but ran into several issues, particularly with our propshaft and steering guards. But we worked through them—buying steel tubes and making last-minute fixes—and passed tech early the next morning. Following tech on Day 3, we passed 4WD and brake check and went right to the dynamic events. We completed acceleration and pilot pull in the morning, and maneuverability and S&T in the afternoon. On the final day, the endurance race pushed us and the car to the limit with a shredded CVT belt, multiple rollovers, and an extremely difficult course overall. In the end, a cracked frame tube forced us to stop with just 20 minutes left in the race. Despite everything, we are proud that we drove over two hours in endurance and earned points in every event!

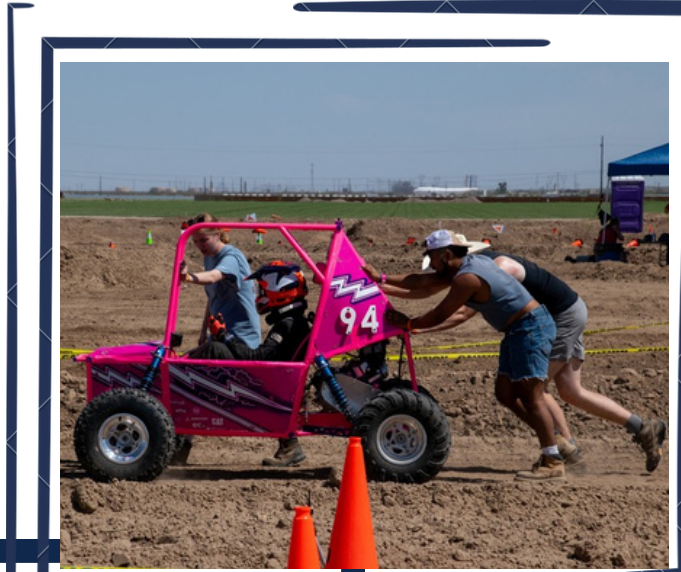
..... RESULTS - 24th / 69 OVERALL

10th BUSINESS | 21st COST | 13th DESIGN

31st ACCEL | 23rd PILOT PULL | 25th MANEUV

36th S&T | 33rd ENDURANCE

AZ COMPETITION



MD COMPETITION

After hours in shop fixing the frame, PT guards, CVT case, and more, the team drove to Mechanicsville, Maryland for the second competition of the season. On Day 1, the team passed engine tech, frame check, and presented in Business Finals. On Day 2, Dallas passed tech inspection on the first try! The team then headed to brake check, where we unfortunately failed on the first 3 attempts. We brought the car back to the pit and switched out the rear brake rotor, which was loose from the previous competition. We were then able to pass brake check with ease and presented our design shortly after. On Day 3, we first competed in hill climb. On our first try, we completed about 90% of the course, but completed the entire course on the second try. Immediately after, we drove twice in maneuverability and acceleration. After a quick lunch break, we headed over to suspension & traction and completed the entire course! Finally, on Day 4, the team had a spectacular endurance race. Other than two driver swaps/refuels, Dallas drove the entire race! We experienced no breaks until the last lap, but still crawled to the finish line. After getting towed back to the paddock at the conclusion of the race, we noticed that the same frame tube that had cracked in Maryland failed again in multiple areas. On top of that, our axle was missing, our shock fell apart, and our toe link tabs sheared off. Overall, the team was extremely proud of finishing every event and are excited to fix up Dallas next year!

..... **RESULTS - 23rd / 98 OVERALL**

4th BUSINESS | 38th COST | 24th DESIGN

56th ACCEL | 39th HILL CLIMB | 38th MANEUV

22nd S&T | 24th ENDURANCE

MD COMPETITION



SPONSORS

Thank you to our University, corporate, and alumni sponsors for the 2024-2025 school year. The Off-Road Illini is extremely grateful. We could not have done it without you!

SPECIAL THANKS

Mark Pinson
JR Schultz
Sam Singh
Sarah Power
Dean Emad Jassim
Suzanne Hallihan

Kamden Damrow
Dylan Stow
Gary Uhlman
David Parker
Jason Mrase
Missy Biehl

GOODBYE SENIORS

Congratulations to all of our seniors who graduated in May.
Good luck on your future endeavors!

Madison Garcia
Clayton Kessler
Jessica Mathew
Megan Otto

Rahul Pillai
Kaitlyn Uhlman
Ethan Zheng

