



University of Missouri-Columbia Formula SAE

In 1985, several engineering students from the University of Missouri used some of their extra time out of class to put together a small race car to compete in the annual Formula SAE events. It was the fifth year for the event, but it was the first time Mizzou had entered a team. Although their design did not break any records or win any trophies, it did start Mizzou on the path to becoming one of the most competitive Formula SAE teams in the world. Since the formation of Mizzou Racing in 1985, the team has been able to build upon each year's successes and develop consistently competitive cars. In 1999, Mizzou posted their first top ten finish, and quickly gained a reputation for quality and innovative design. With two second place finishes, the team has remained at the forefront of Formula SAE. Each year Mizzou's entry proves to be one of the most exciting to watch, and this year promises to bring continued success to Mizzou Racing.

Sponsorship

Designing and building a Formula SAE race car is an expensive learning project advantageous to the students of Mizzou. The technical challenge of producing a racecar gives the members unparalleled knowledge and experience before entering the work force. Students learn how to manage time and money while designing a working prototype. The team depends on the support of corporations and individuals who make donations of parts, materials, and money. Without their generosity, the project could not continue. Although the current sponsors have been very generous, the team needs a larger budget to implement new ideas. Mizzou's Formula SAE program has helped students develop exceptional managerial, financial, and engineering skills, which can be directly implemented into a successful career after college.

Specifications of Car 52	
Frame	4130 Space Frame
Bodywork	Fiberglass, Aluminum, Lexan
Front Suspension	Double unequal A-Arm lengths, pull rod actuated horizontally oriented spring and damper
Brakes	4 wheel outboard discs: Wilwood
Drive	Chain – Torsen Diff with custom acrylic housing
Wheel Base, OAL, Front Track, Rear Track	65.2 in, 111.5 in, 49 in, 46.5 in
Weight	435 lbs
Weight Dist.	43/57
Engine	Honda CBR600RR
Induction	Naturally Aspirated
Horsepower	63.8 @ 10,500 rpm
Torque	31.6 lb-ft @ 10,500 rpm
Unique Features	Radio telemetry, on board data log, traction control, GPS, accelerometers, remote tuning, hand clutch

Sponsor Levels

Gold	\$ 1500 and up
Silver	\$ 500 - 1500
Bronze	\$ 0 - 500

All donations are tax exempt

Becoming a sponsor of the Formula SAE program can be very rewarding. Your donation is 100% tax deductible. The sponsor's name and logo are placed on the car, webpage, and t-shirts and also receive recognition in newsletters and through media coverage. Sponsors will be updated on the progress of the car throughout the year in emails. They will also be invited to a Drive-A-Thon to meet the team, view the progress of the car, and have a chance to drive older cars. Sponsors may also receive t-shirts, photos, and videos produced by the team.

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