

Wichita State University



2007-2008 Sponsorship Brochure



Introduction to Formula SAE

We are a student organization that designs, constructs, and races a formula-style vehicle. We are one of two groups on campus under the Society of Automotive Engineers. We design and build the car on campus and race our car in events across the country. We have competed in SAE and SCCA events in California, Texas, and Kansas. The 2008 season will mark our second season in competition. The car is to be designed with certain engineering parameters as well as be manufactured for less than \$25,000. The design and build process takes place over the course of about one year. The 2008 FSAE competition will be held in May 13-18 at Michigan International Speedway.

To find out more about the competition and the teams involved visit <http://students.sae.org/competitions/formulaseries/>.

Every competition is based on static and dynamic events. The following is a list of the events that define the competition:

Judging Categories

<u>Static Events:</u>	<u>Points</u>	<u>Dynamic Events</u>	<u>Points</u>
• Presentation	75	• Acceleration	75
• Engineering Design	150	• Skid-Pad	50
• Cost Analysis	100	• Autocross	150
		• Fuel Economy	50
		• Endurance	350





2007 Results

FSAE West	47 th of 80
Texas Autocross Weekend	18 th of 33
SCCA Solo Divisional	2 nd of 7

2008 Goals

Team Goals

- Redesign/improve existing car to comply with 2008 rules
- Begin design and construction of 2009 car
- Compete and finish in all static and dynamic events
- Develop a foundation for the future of FSAE at WSU
- Gain recognition for WSU at the FSAE competition

Sponsorship Benefits

Publicity

- All sponsors will have their company logo on the car as well as our website.
- Team participation in events across the nation provides a wide range of logo exposure to a diverse crowd.
- Pictures of the car and the events will be displayed on Wichita State University's FSAE website and others' for further showcasing of the sponsors.

<http://www.wichita.edu/formulasae>

Tax Deduction

Under federal tax regulations, donations are tax deductible.





2008 Budget

Category	Cost
Drivetrain	\$5,680.00
Suspension	\$2,334.00
Safety	\$778.00
Materials	\$3,415.00
Machining Labor	\$1,000.00
Brakes	\$834.00
FSAE Travel (Detroit, MI)	\$7,398.00
Registration	\$1,000.00
Miscellaneous Expenses	\$850.00
Total	\$23,289*

*Detailed figures available upon request

Past and Current Sponsors

- WSU Student Government
- WSU College of Engineering
- The National Institute of Aviation Research
- SAE
- Bombardier Learjet
- Hawker Beechcraft
- Mid America Powersports
- Wichita Region SCCA
- SAE Wichita Section
- Globe Engineering
- Airgas Mid-South
- Lincoln Electric
- Fiber Dynamics
- Terracon
- Hoosier Tires
- Salina Region SCCA
- Motorsports Honda
- Little Mexico
- Atlas Spring & Axle Co.
- Butler REC
- Pac-Tig



2008 Team Organization and Contact List

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Conclusion

The FSAE project is a unique college endeavor that provides many benefits to the students, the university, and all of the sponsors. The project provides an invaluable learning experience and provides the sponsors and other companies with a direct link to potential employees. We welcome you to become a part of the community and the university experience by sponsoring the Wichita State University Formula Society of Automotive Engineers racing team. Remember, this project is not possible without your support.

