



Accelerating Engineering Excellence

Cal State Northridge Formula SAE
Matador Motorsports
Sponsorship Brochure

CSUN FSAE 2026



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Matador Motorsports Legacy

The legacy of Matador Motorsports, CSUN's Formula SAE team, is one of hands-on excellence, innovation, resilience, and community impact. Our student-run Formula SAE team designs, builds, and races a new vehicle *every year*, equipping future engineers with the hands-on experience and technical skills demanded by industry.

We are more than just a race team, we are...

- Engineers in training, solving real-world problems in powertrain, suspension, aero, and controls.
- Leaders and mentors, with alumni returning from top companies to guide and inspire the next generation.
- A diverse and resilient team, where many members are first-generation college students defying the odds through teamwork and tenacity.
- Champions of growth, transforming classroom knowledge into career-launching experiences.

Sponsoring Matador Motorsports means investing in the next generation of engineers who are bold, driven, and ready to build the future—one race car at a time.



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FORMULA SAE

Formula SAE Competition

Formula SAE (FSAE) is one of the most rigorous collegiate engineering competitions in the world. Hosted by SAE International, it challenges students to design, build, and compete with a small, open-wheel formula-style race car against universities from across the globe.

FSAE simulates the full scope of a professional motorsport engineering team, requiring students to master:

- Mechanical design and simulation
- Powertrain integration and electronics
- Materials selection and manufacturing
- Aerodynamics, suspension, and testing
- Project management, budgeting, and business strategy

Each team is judged not only on how fast their car performs on the track, but also on design quality, manufacturing feasibility, cost effectiveness, and presentation skills.

For Matador Motorsports, this means working long hours year-round, balancing academics with real-world deadlines, limited budgets, and high-stakes technical scrutiny. Every bolt, weld, and design decision is student-led.

This competition demands grit, precision, and teamwork, and prepares our students for careers in aerospace, automotive, motorsports, and beyond.



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History

2023 - 15th Place

13th in Endurance

12th in Design

13th in Cost

Michigan Int'l Speedway



2024 - 12th Place

17th in Endurance

9th in Design

13th in Acceleration

Michigan Int'l Speedway



2025 - 11th Place

5th in Cost Event

8th Efficiency Event

11th Design Event

Michigan Int'l Speedway



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Our Goals and Objectives

Matador Motorsports is not just building a race car — we're building engineers ready to lead.

Technical Excellence

Design, build, and test a reliable, lightweight race car using FEA, CFD, and real telemetry data. Fabricate 90%+ of components in-house to industry standards.

Innovation & Engineering Rigor

Solve real-world design challenges with iterative testing, advanced simulation, and cross-functional integration of aero, powertrain, and suspension systems.

Professional Development

Simulate a real engineering firm's deadlines, documentation, budgets, and teamwork. Train students in CAD, machining, wiring, composites, and systems thinking.

Industry Engagement & Community Impact

Build sponsor relationships and connect with alumni in aerospace and motorsports. Create opportunities for first-generation and underrepresented students in STEM.

Competitive Success

Clear tech inspection on Day 1. Complete every dynamic event. Compete against top-tier universities and represent CSUN with pride.



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Engineering Our Outcomes

Before a single part is fabricated, our team engineers every subsystem through simulation, modeling, and design for manufacturability. Our senior capstone project follows a rigorous development pipeline grounded in mechanical theory and performance optimization. We apply simulation tools to analyze aerodynamics, validate structural loads, and optimize vehicle dynamics, translating academic theory into predictive models that drive design decisions. Our CAD assemblies are evaluated for feasibility, serviceability, and tolerance stack-ups. We build parametric suspension models to iterate on kinematic performance, validate thermodynamic systems using theoretical control volumes, and run driveline simulations to assess power delivery and fuel efficiency. This phase is where classroom knowledge becomes engineering foresight, and it's how our students learn to think like professionals before they build like them.



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Value of Sponsorship

Product Exposure & Integration

Your products, tools, and technologies are used, showcased, and demonstrated in a performance-driven environment seen by judges, industry reps, and peers.

Brand Promotion

Your company name and logo are featured on our racecar, team apparel, social channels, brochures, and event booths—amplifying your reach across collegiate, regional, and national motorsport networks.

Event Participation

Engage with our team at competitions, campus showcases, sponsor meetups, and test days—where your support gets real-world visibility and direct interaction.

Talent Recruitment

Get early access to a pool of skilled, passionate, and technically trained future engineers—ready for internships and careers in automotive, aerospace, and tech.

Community Reputation

Support hands-on STEM education and innovation, and be recognized as a builder of future engineering leaders.



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Sponsorship Options

❤️ Every Contribution Counts

Whether it's a major partnership or a thoughtful gesture of support, every donation helps drive our team forward. We deeply appreciate contributions of all sizes, in-kind or partnership, and recognize that each gift plays a critical role in bringing our racecar and vision to life.

Monetary

\$500 - \$10k+

In-Kind

Materials

Services

Tools & Equipment

Software licenses

Electronics

Events

In Return

Thank you Plaque

Livery & Merchandise Logo

HAAS Lab Tour

Social Media Thank You

Access to Mechanical Engineers

Appreciation Event



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CALIFORNIA STATE UNIVERSITY, NORTHRIDGE FOUNDATION
SOCIETY OF AUTOMOTIVE ENGINEERS
FORMULA SENIOR DESIGN PROJECT

Contributions to the Society of Automotive Engineers for the Formula Senior Design Project provide the necessary resources for the students engaged in the project to acquire the necessary materials and services. Each year, the Formula SAE team – Matador Motorsports – designs, builds, tests, and competitively races a single-seat open-wheel race car. This in-depth and hands-on educational program develops the knowledge, creativity and problem-solving abilities of engineering students by enabling them to draw upon their years of education to answer a complex, real-world design and manufacturing challenge. Matador Motorsports attracts some of the most hardworking, motivated and results-oriented engineering students produced by CSUN.

Contributions to support this project and the Mechanical Engineering students at California State University, Northridge, can be made as follows:

GIFTS BY CHECKS:

Please make checks payable to
“California State University, Northridge Foundation” or “CSUN Foundation”

Please note in the memo to designate this gift to:

“Formula Society of Automotive Engineers (SAE) Vehicle Fund – Formula (A7311)”

Checks should be sent to:

California State University, Northridge Foundation
18111 Nordhoff Avenue – Valera Hall 110
Northridge, CA 91330-8296

GIFTS BY CREDIT CARD:

Gifts can also be made through the Foundation’s giving website at:

<https://engage.csun.edu/FormulasAE>

Your family and friends can then finish their transaction on-line.

Gifts will be receipted by the Foundation as a tax-deductible contribution.

If you have questions, please call the CSUN Foundation at (818) 677-4657

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