



LUMBERJACK MOTORSPORTS

NAU SAE MINI BAJA TEAM





What Is SAE BAJA?

SAE Baja is an international collegiate competition design for engineering students held by the Society of Automotive Engineers.

The Competition

1 Vehicle, 4 Sub Teams,
13 Engineers

Designed to withstand rigorous terrain and obstacles while racing against 100 Universities from across the world.

1000 Points Total

300 Points

Suspension/Rock Crawl	Hill Climb
Maneuverability	Specialty
Acceleration	Design

300 Points Costs and Sales

400 Points 4-hour Endurance Race



The Project

The Baja car includes 4 main subsystems that work together to create a functional vehicle.

Drive Train

- I. ECVT
- II. Gearbox
- III. 4WD system

Rear End

- I. Suspension
- II. Power transfer
- III. Mounting

Front End

- I. Suspension
- II. Steering
- III. Brakes

Frame

- I. Chassis
- II. Firewall
- III. Body panels

Our team designs and manufactures a Baja vehicle from scratch using skills learned through out our engineering education.



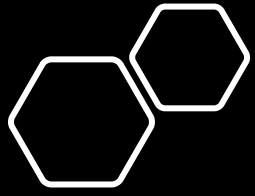
Our Team

Here at Northern Arizona University, the SAE Baja project consists of 13 members that each work to build their understanding of automotive engineering. Our goal this year is to continue the legacy of previous Baja teams here at NAU.

Last years' Baja team performed exceptionally well in the competition. They placed 5th against the other 100 universities. Our goal is to continue the progress they made and aim to beat last year's placing in the competition.

As proud Lumberjack engineers, our aspirations to be at the top are alive more than it ever has been before. Our team may be small, but our performance will exceed any other team in the competition this year!





Sponsorship


Every year, the Baja team needs sponsors to fuel our way in the upcoming competition. It would not be possible without your help! With your support our team can win the competition!

Our sponsors receive several benefits listed to the right. Through these benefits your company's name will reach thousands of people that follow our social media, team events, and the SAE mini Baja competition.



Sponsorship Level	Amount	Associated Sponsor Benefits
Platinun (Title Sponsor Package)	\$4000+	Plaque for display in buisness
		Logo on team shirts
		Large Logo on vehicle
		Logo on vehicle trailer
		Logo on team banner
Gold	\$1500 - \$4000	Plaque for display in buisness
		Logo on team shirts
		Logo on team banner
		Medium Logo on vehicle
Silver	\$500 - \$1499	Certificate of Appreciation
		Logo on team shirts
		Small Logo on vehicle
Bronze	Under \$500	Certificate of Appreciation
		Logo on team shirts

Sponsor amounts can reflect equivalent value in parts, machining, total raised through fundraising events, etc. For the amount donated equal to the monetary amount of a package, the sponsor will still receive benefits.

A background image of a dune buggy, partially obscured by a white overlay on the left side. The buggy is black with blue suspension components and is parked on a dirt surface. The background shows trees and a clear blue sky.

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**Thank you for
your support!**

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Check out our Instagram: [@lumberjack_motorsports](https://www.instagram.com/lumberjack_motorsports)