

FAMU-FSU College of Engineering



Senior Design Sponsorship Proposal

*Presented to
Complete Automotive Repair and Sales*



ABOUT SENIOR DESIGN

Senior Design is the culmination of students' engineering education at the FAMU-FSU College of Engineering. The two-semester (Fall, Spring) long capstone course gives students' the opportunity to apply the many scientific and engineering principles they have learned throughout their academic careers into one final project. Senior Design is a graded course required of all engineering students prior to graduation.

OUR PROJECT

The objective of this project is to design, assemble, and drive a vehicle through the 2017 NASA Rover Human Exploration Rover Challenge obstacle course against time. The vehicles intent is to compete against other vehicles in a time trial. Previous years vehicles will be assessed to determine their weaknesses and strengths in completing the course in order to develop a better vehicle. The main areas of focus will be: structure, weight, power delivery, wheel design, and collapsible configuration of the vehicle.



AN INVITATION TO CARS

Today we ask CARS to thoughtfully consider sponsoring Senior Design Team 17 at a cost of \$2000 for the 2016-17 academic year. The funds would cover materials costs for the project design and prototype. This sponsorship is considered a philanthropic gift to the FAMU-FSU College of Engineering that is tax deductible to the fullest extent under the law. Additionally, Team 17 would benefit from mentorship by the CARS team, as well as access to any resources offered.

Sponsor Benefits Include:

- *Opportunity to work with an energetic group of students with fresh ideas*
- *Employee engagement in the community*
- *Comprehensive project report, presentation, poster and prototype*
- *Recognition in literature promoting Senior Design Day and in University/College print/web materials*
- *Opportunity to attend the Senior Design Day event*
- *Supporting the next generation of engineering professionals*

Student Benefits Include:

- *Mentoring from professional engineers*
- *Exposure to corporate working environment*
- *Opportunity to solve real-world engineering problems*
- *Experience working in teams, presenting, writing*

We believe your sponsorship will be a “win-win-win” for your company, our students and the FAMU-FSU College of Engineering. Thank you so much for your time and consideration of this proposal.

Please contact Katherine Estrella, (904) 613-1020, jke13@my.fsu.edu, to sponsor team 17 today!