

2019 Baja SAE Design competition



This year the center supported a team of undergraduate students to design and build a mini Baja. Five undergraduate students from the ECU SAE team travelled with Dr. Tarek Abdel-Salam to Cookeville, TN to participate in the event. The Baja SAE student design competition is an annual event originated at the University of South California in 1976. The object of the competition is to simulate real-world engineering design projects and their related challenges. Each team is competing to have its design accepted for manufacture by a fictitious firm. The students must function as a team to design, build, test, promote and compete a vehicle within the limits of the rules, also to generate financial support for their project and manage their educational priorities. Each team's goal is to design and build a prototype of a rugged, single seat, off-road recreational vehicle intended for sale to the non-professional weekend off-road enthusiast. The vehicle must be safe, easily transported, easily maintained and fun to drive. It should be able to negotiate rough terrain without damage.