Registration Form

TEAM INFORMATION

Team Name/Project Title: 2019 NASA Human Exploration Rover Team “Red Rover”

Department: Mechanical Engineering

Faculty Advisor: Douglas Gallagher

Team Members: Casey Hodges, Christian Anderson, Gabe Dekay, Nathaniel Todd, Jake Tinsley, Trevor Brungard

PROJECT INFORMATION

Description:

The 2019 NASA Rover Team set out to design a capable lunar rover to standards set by NASA for optimal practical use and application.

Abstract:

The NASA Human Exploration Rover Challenge is an international competition held every year at NASA Headquarters in Huntsville, Alabama wherein each team designs and builds a compact rover and competes. The competition is designed to rigorously test the rover and drivers through varying obstacles and environments. There are multiple awards to achieve, but the 2019 team puts a quality finished product over all else.

The 2019 NASA Human Exploration Rover Team “Red Rover” set goals to create a newly improved NASA Rover that would be optimally functional for specifications deemed necessary to what an astronaut would use, to use creative ways and new designs to improve all imminent features of the rover, and to build a NASA Rover of the utmost quality and performance.