

Senior Design Project Description for FALL 2016

Project Title: SAE Baja Race Car Testing, Development, and Competition (UNCC_BAJ17)

Supporter: UNC Charlotte

Supporter Technical Representative: ASSIGNED

Faculty Mentor: ASSIGNED TBD (check one)

Single Team Dual Team (check one)

Personnel (EN/ET): E, Cp, Cv, 5 M, SE

(Complete if the number of students required is known)

Expected person-hours: (250 per student)

Description of Project:

This team will test and further develop the UNCC SAE Baja race car and compete in the national SAE Baja competition. The car was nearly complete last spring so much of this car development will include testing and data acquisition, followed by implementation of corrective actions.

Initial Project Requirements (e.g. weight, size, etc.):

The car must comply with all of the 2017 competition requirements. The car was nearly complete last spring so much of this car development will include testing and data acquisition, followed by implementation of corrective actions.

Expected Deliverables/Results:

An operating car that is able to compete in the 2017 Baja competition.

List here any specific skills or knowledge needed or suggested (If none please state none):

Motorsports students only