



UNC CHARLOTTE

The WILLIAM STATES LEE COLLEGE of ENGINEERING

Senior Design Project Description for FALL 2016

Project Title: Formula SAE Race Car Testing, Development and Competition (UNCC_SAE17)

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 FSAE race car and compete in the FSAE competition in Lincoln, NE.

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

The car must comply with all of the 2017 competition requirements. A new car chassis must be built but last year's car performed reasonably well at competition so there is a good baseline and are allowed to make a copy of that car.

Expected Deliverables/Results:

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

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

Motorsports students only