

## Senior Design Project Description for FALL 2016

### Project Title: Drag Race Car Testing, Development and Competition (UNCC\_DRAG)

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,  3 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 Drag race car and compete in local drag races. This car has not competed in several years but is thought to have every component to do so.

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

Making it safe, operational, and reliable are primary goals. It is thought that since several students will be driving, we will race each other and it is not necessary to dramatically make it any faster.

#### Expected Deliverables/Results:

The deliverable will be an operational vehicle that has been tested and is capable of competing.

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

Motorsports students only