

Fundamentals of Vehicle Dynamics, by Thomas D. Gellespie. ISBN 1.56091-199-9
Automotive Engineering Fundamentals, by Stone & Ball. SAE press ISBN 0-7680-0987-1
PDF materials provided by instructor

Course Requirements and Assignments:

Success in this course is based on the expectations that the student will attempt and submit all homework assignments. Homework assignments are intended to support learning of automotive system fundamentals, and are also intended to prepare the student for the examinations. The student is expected to complete the term project, and submit original work. The student is expected to sit the midterm and final examinations. If problems are not assigned from the texts, homework assignment will be emailed to the class in pdf format. Due date will be no less than 7 days from distribution or assignment in class.

The term project is defined as follows: Select a topic related to automotive engineering that interests you. For example: Design and/or analysis for a component for the Formula SAE or Baja vehicles. Study of the handling characteristics of E-

