

101-1 Preliminary Syllabus, Da-Yeh Univ

Information			
Title	車輛動力學	Serial No. / ID	1320 / MAV4008
Dept.	機械與自動化工程學系	School System / Class	四技部4年1班
Lecturer	張一屏	Full or Part-time	專任
Required / Credit	Optinal / 3	Graduate Class	Yes
Time / Place	(二)34 / H441 (四)2 / H467	Language	Chinese

Introduction
1.Establish the capability for vehicle dynamic analysis and engineering practice. 2.Let the student understand different vehicle system purpose so that they can equipped with necessary skills for auto industry. 3.Teach the simulation method and dynamic analysis for different vehicle motion. 4.Continue learning growth in the related vehicle dynamic area.

Outline
1 : Introduction 2 : Road Load 3 : Tyre 4 : Acceleration Performance 5 : Cornering 6 : Braking Performance 7 : Ride 8 : Control and Stability of a Car

Prerequisite
English reading, Automotive system fundamental knowledge, Engineering mathematics