

# 100-1 Preliminary Syllabus, Da-Yeh Univ

Information			
Title	車輛動力學	Serial No. / ID	1672 / 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 / H443 (三)2 / H443	Language	Chinese

Introduction
<ol style="list-style-type: none"><li>1.Establish the capability for vehicle dynamic analysis and engineering practice.</li><li>2.Let the student understand different vehicle system purpose so that they can equipped with necessary skills for auto industry.</li><li>3.Teach the simulation method and dynamic analysis for different vehicle motion.</li><li>4.Continue learning growth in the related vehicle dynamic area.</li></ol>

Outline
<ol style="list-style-type: none"><li>1 : Introduction</li><li>2 : Road Load</li><li>3 : Tyre</li><li>4 : Acceleration Performance</li><li>5 : Cornering</li><li>6 : Braking Performance</li><li>7 : Ride</li><li>8 : Control and Stability of a Car</li></ol>

Prerequisite
English reading, Automotive system fundamental knowledge, Engineering mathematics