

102-1 Preliminary Syllabus, Da-Yeh Univ

Information			
Title	車輛研究測試專題	Serial No. / ID	2091 / MAI3086
Dept.	機械與自動化工程學系	School System / Class	大學日間部3年1班
Lecturer	廖慶秋	Full or Part-time	兼任
Required / Credit	Optinal / 3	Graduate Class	No
Time / Place	(四)567 / H439	Language	Chinese

Introduction
Equipped the student with projects in different automotive research and development area so that they can know the progressing direction for current and future auto industry. The work contents and the requirements for the automotive research can inspire student to combine their theory and real application.

Outline
<ol style="list-style-type: none">1.Introduction of car electronic system development2.Domestic auto industry development perspective introduction3.Vehicle structure design and analysis method introduction4.Auto component and subsystem inspection system5.Proving ground and vehicle dynamic test method6.Vehicle NVH regulation test and analysis method.7.Vehicle developments in environmental protection and energy saving trends8.Vehicle road load simulation and endurance test techniques9.Quality control and international certification for automotive products.

Prerequisite
Mechanical, Automotive, and electrical fundermental knowledge.