

97-1 Preliminary Syllabus, Da-Yeh Univ

Information			
Title	非線性系統分析	Serial No. / ID	1302 / EDR5182
Dept.	電機工程學系博士班	School System / Class	研究所博士班1年1班
Lecturer	胡永	Full or Part-time	專任
Required / Credit	Optinal / 3	Graduate Class	NO
Time / Place	(五)345 / H367	Language	Chinese

Introduction
<ol style="list-style-type: none">1 .Imparting professional knowledge of the nonlinear system2 .stablishment of electrical and mechanical concepts related to the nonlinear system3 .Integrated linear and nonlinear systems and processes used in the design of professional4 .Higher professional training of the international perspective, process design and build advanced, high difficulty (such as aircraft, space shuttle, etc.) the system design capabilities

Outline
<ol style="list-style-type: none">1. Introduction2. Phase plane analysis3. Lyapunov ' s direct method4. Advanced Stability theory5. Describing function analysis

Prerequisite
<ol style="list-style-type: none">1.Control System2.Engineering Mathematics3.Linear System Analysis