

99-1 Preliminary Syllabus, Da-Yeh Univ

Information			
Title	非線性系統	Serial No. / ID	1147 / EGR5013
Dept.	電機工程學系碩士班	School System / Class	研究所碩士班1年1班
Lecturer	胡永	Full or Part-time	專任
Required / Credit	Optinal / 3	Graduate Class	No
Time / Place	(四)567 / H367	Language	Chinese

Introduction
<ol style="list-style-type: none"> 1 .Imparting professional knowledge of the nonlinear system 2 .stablishment of electrical and mechanical concepts related to the nonlinear system 3 .Integrated linear and nonlinear systems and processes used in the design of professional 4 .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. Introduction 2. Phase plane analysis 3. Lyapunov ' s direct method 4. Advanced Stability theory 5. Describing function analysis

Prerequisite
<ol style="list-style-type: none"> 1.Control System 2.Engineering Mathematics 3.Linear System Analysis