

# 97-1 Preliminary Syllabus, Da-Yeh Univ

Information			
Title	控制工程	Serial No. / ID	1552 / ADR5034
Dept.	機械與自動化工程學系博士班	School System / Class	研究所博士班1年1班
Lecturer	陳志鏗	Full or Part-time	專任
Required / Credit	Optinal / 3	Graduate Class	NO
Time / Place	(一)56 / H563 (二)7 / H563	Language	Chinese

Introduction
non

Outline
<p>Ch1. Introduction to Control Systems.</p> <p>Ch2. The Laplace Transform.</p> <p>Ch3. Mathematical Modeling of Dynamic Systems.</p> <p>Ch4. Mathematical Modeling of Fluid Systems and Thermal Systems.</p> <p>Ch5. Transient and Steady-State Response Analyses.</p> <p>Ch6. Root-Locus Analysis.</p> <p>Ch7. Control Systems Design by the Root-Locus Method.</p> <p>Ch8. Frequency-Response Analysis.</p> <p>Ch9. Control Systems Design by Frequency Response.</p> <p>Ch10. PID Controls and Two-Degrees-of-Freedom Control Systems.</p> <p>Ch11. Analysis of Control Systems in State Space.</p> <p>Ch12. Design of Control Systems in State Space.</p>

Prerequisite
non