

100-1 Preliminary Syllabus, Da-Yeh Univ

Information			
Title	模糊控制	Serial No. / ID	1110 / MUR5027
Dept.	機械與自動化工程學系碩士班	School System / Class	研究所碩士班1年1班
Lecturer	陳昭雄	Full or Part-time	專任
Required / Credit	Optinal / 3	Graduate Class	No
Time / Place	(一)4 / H834 (二)34 / H834	Language	Chinese

Introduction
The objective of this course focuses on the study of fuzzy logic control which contains several topics. These topics are fuzzy set, fuzzy membership functions, fuzzy number, fuzzy relation, fuzzy inference, and fuzzy control system. Advanced applications of fuzzy logic control are demonstrated by several examples.

Outline
<ol style="list-style-type: none">1. Fuzzy logic introduction2. Fuzzy sets, fuzzy membership function3. Fuzzy relation4. Fuzzy inference system5. Fuzzy modeling6. Fuzzy logic control7. Fuzzy controller8. Neural fuzzy network

Prerequisite
none