100-2 Preliminary Syllabus, Da-Yeh Univ

Information			
Title		Serial No. / ID	1926 / EDR 5111
Dept.		School System / Class	1 1
Lecturer		Full or Part-time	
Required / Credit	Optinal / 3	Graduate Class	No
Time / Place	( )ABC / H367	Language	English

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

Outline
1. neuro-fuzzy Introduction 2. fuzzy sets, fuzzy membership function 3. fuzzy relation 4. fuzzy inference system 5. neuro-fuzzy modeling 6. neuro-fuzzy control

Prerequisite
Linear Algebra, Probability theory, Engineering mathematics