朝陽科技大學 099學年度第1學期教學大綱
Neural Networks and Its Applications 類神經網路

當期課號	7769	Course Number	7769
授課教師	廖梨君	Instructor	LIAO,LI CHUN
中文課名	類神經網路	Course Name	Neural Networks and Its Applications
開課單位	資訊工程系碩士在職專班一A	Department	
修習別	選修	Required/Elective	Elective
學分數	3	Credits	3
課程目標	Fundamental concepts and models of artificial neural systems Single-layer perception classifiers Multilayer feedforward networks Associative memories Matching and self-organizing networks Applications of neural algorithms and systems Neural networks implementation	Objectives	Fundamental concepts and models of artificial neural systems Single-layer perception classifiers Multilayer feedforward networks Associative memories Matching and self-organizing networks Applications of neural algorithms and systems Neural networks implementation
教材	"Neural Network Design," Martin T. Hagan, Howard B. Demuth,and Mark Beale.	Teaching Materials	"Neural Network Design," Martin T. Hagan, Howard B. Demuth,and Mark Beale.
成績評量方式	(1) Project: 40% (2) Exam: 20% (3) Report and Homework: 30% (4) Attendance: 10%	Grading	(1) Project: 40% (2) Exam: 20% (3) Report and Homework: 30% (4) Attendance: 10%
教師網頁	http://www.cyut.edu.tw/~lcliao/		
教學內容	The objective of this course is to introduce the models and applications of the ANN system and let students understand how to desing ANN and apply to their research.	Syllabus	The objective of this course is to introduce the models and applications of the ANN system and let students understand how to desing ANN and apply to their research.

尊重智慧財產權，請勿非法影印。