朝陽科技大學 092學年度第1學期教學大綱
Pattern Recognition 圖形辨識

當期課號	7292	**Course Number**	7292
授課教師	劉啓東	**Instructor**	LIU,CHII TUNG
中文課名	圖形辨識	**Course Name**	Pattern Recognition
開課單位	資訊工程系碩士班一A	**Department**	
修習別	選修	**Required/Elective**	Elective
學分數	3	**Credits**	3
課程目標	1.Classifiers based on Bayes decision theory 2.Linear/nonlinear classifiers 3.Feature selection 4.Feature generation 5.Context-dependent classification 6.Clustering algorithms	**Objectives**	1.Classifiers based on Bayes decision theory 2.Linear/nonlinear classifiers 3.Feature selection 4.Feature generation 5.Context-dependent classification 6.Clustering algorithms
教材	Slides	**Teaching Materials**	Slides.
成績評量方式	Term project 40%, mid term report 30%, homework 30%	**Grading**	Term project 40%, mid term report 30%, homework 30%
教師網頁			
教學內容	介紹各種分類的方法, 包含 Bayesian decision theory, k-nn algorithm, supervised learning, unsupervised learning.	**Syllabus**	Introduce several methods to classify patterns. Include Bayesian decision theory, k-nn algorithm, supervised learning, unsupervised learning.