朝陽科技大學 096學年度第1學期教學大綱
Satellite Image Analysis 衛星影像分析

當期課號	7143	**Course Number**	7143
授課教師	黃怡碩	**Instructor**	HUANG,YI SHUO
中文課名	衛星影像分析	**Course Name**	Satellite Image Analysis
開課單位	營建工程系碩士班二A	**Department**	
修習別	選修	**Required/Elective**	Elective
學分數	3	**Credits**	3
課程目標	本課程主要教授基因演算法、模糊理論、類神經網路等人工智慧分析方法。	**Objectives**	The purposes of this course are (1) to provide students with the basic concept of artifical intelligient methodology; and (2) to discuess artifical intelligient methods that have been devised specially for the analysis of construction operation.
教材	Digial lamge Processing - Rafael Gonzalez & Richard Wood Remote Sensing & Image Interpretation - T Lisesand & R Kiefer	**Teaching Materials**	
成績評量方式	小考 20% 期末考 20% 作業 40% 期末報告 20%	**Grading**	Quizes 20 points Final Exam. 20 points HW Assignments 40 points Term Project 20 points
教師網頁			
教學內容	本課程主要以數值影像分析分析多重光譜影像與雷達衛星影像，分析地表地形之變化	**Syllabus**	The purposes of this course are (1) to provide students with the basic concept of digital image processing; and (2) to analyze the spectral and radar satellite images for exploring topographic changes.

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