

朝陽科技大學 092學年度第1學期教學大綱
Source Coding 編碼理論

當期課號	7787	Course Number	7787
授課教師	陳伯岳	Instructor	CHEN,PO YUEH
中文課名	編碼理論	Course Name	Source Coding
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	本課程介紹編碼理論的原理和實行，並強調在語音、聲音、圖像和視訊更廣泛的編碼技術。	Objectives	This course introduces the principles and practice of source coding, emphasizing the more widely considered techniques for speech, audio, natural images, and video.
教材	lectures(in English) exams discussion and paper presentation	Teaching Materials	lectures(in English) exams discussion and paper presentation
成績評量方式	midterm exam :40% discussion and paper presentation:60%	Grading	midterm exam :40% discussion and paper presentation:60%
教師網頁	-		
教學內容	discret sources and entropy channels and channel capacity run-length-limited codes linear block error-correcting codes Shannon's coding theorems discussion and paper presentation	Syllabus	discret sources and entropy channels and channel capacity run-length-limited codes linear block error-correcting codes Shannon's coding theorems discussion and paper presentation

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