朝陽科技大學 091學年度第2學期教學大綱
Information Theory 資訊理論與基礎

當期課號	2650	Course Number	2650
授課教師	陳伯岳	Instructor	CHEN,PO YUEH
中文課名	資訊理論與基礎	Course Name	Information Theory
開課單位	資訊工程系(四日)四A	Department	
修習別	必修	Required/Elective	Required
學分數	3	Credits	3
課程目標		Objectives	
教材	Classes, Homeworks, Quizes, Exams	Teaching Materials	Classes, Homeworks, Quizes, Exams
成績評量方式	Quiz:30% Midterm:30% Final:40%	Grading	Quiz:30% Midterm:30% Final:40%
教師網頁			
教學內容	Entropy,conditional entropy, relative entropy, mutual information, Huffman coding, channel capacity, Gaussian channels, parallel Gaussian channels	Syllabus	Entropy,conditional entropy, relative entropy, mutual information, AEP, entropy rate, Huffman coding, channel capacity, Gaussian channels, parallel Gaussian channels

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